

ENERGY AND ENVIRONMENT CABINET

Department for Environmental Protection

Division of Water

(Amendment)

401 KAR 10:026. Designation of uses of surface waters.

RELATES TO: KRS 146.200-146.360, 146.410-146.535, 146.550-146.570, 146.600-146.619, 146.990, 224.01-010, 224.01-400, 224.16-050, 224.16-070, 224.70-100-224.70-140, 224.71-100-224.71-145, 224.73-100 -224.73-120~~[, EO 2008-507, 2008-531]~~

STATUTORY AUTHORITY: KRS 146.220, 146.241, 146.270, 146.410, 146.450, 146.460, 146.465, 224.10-100, 224.16-050, 224.16-060, 224.70-100, 224.70-110, 40 C.F.R. Part 131, 16 U.S.C. 1271-1287, 1531-1544, 33 U.S.C. 1311, 1313, 1314, 1316, 1341

NECESSITY, FUNCTION, AND CONFORMITY: KRS 224.10-100 requires the cabinet to develop and conduct a comprehensive program for the management of water resources and to provide for the prevention, abatement, and control of pollution. This administrative regulation and 401 KAR 10:001, 10:029, 10:030, and 10:031 establish procedures to protect the surface waters of the Commonwealth, and thus protect water resources.~~[EO 2008-507 and 2008-531, effective June 16, 2008, abolish the Environmental and Public Protection Cabinet and establish the new Energy and Environment Cabinet.]~~ This administrative regulation applies the designated uses described in 401 KAR 10:031 to the surface waters of the Commonwealth. This administrative regulation also makes all surface waters subject to the general criteria specified in 401 KAR 10:031, Section 2.

Section 1. Scope of Designation. (1) Surface waters listed in this administrative regulation shall be designated for all legitimate uses contained in KRS 224.70-100(1) except as specified in 401 KAR 10:031, Sections 5 and 8, or until redesignated in accordance with the procedures of this administrative regulation.

(2) Designated uses are:

(a) Warm water aquatic habitat;

(b) Cold water aquatic habitat;

(c) Primary contact recreation;

(d) Secondary contact recreation;

(e) Domestic water supply; and

(f) Outstanding state resource water.

(3) Listed waters shall meet all criteria applicable to their designated uses and those criteria listed in 401 KAR 10:031, Section 2, unless the cabinet grants an exception pursuant to 401 KAR 10:031, Section 10 or 11.

(4) Outstanding state resource waters may have unique water quality characteristics that shall be protected by additional criteria established in 401 KAR 10:031, Section 8.

Section 2. Redesignation of Surface Water Uses.

(1) (a) Surface waters may be redesignated only upon affirmative findings by the cabinet pursuant to Sections 3 and 4 of this administrative regulation.

(b) Before redesignating a surface water, the cabinet shall provide notice and an opportunity for a public hearing.

(2) In redesignating a surface water, the cabinet shall ensure that its water quality standards provide for the attainment and maintenance of the water quality standards of downstream surface

1 waters.

2 (3) A designated use shall not be removed for a surface water if that use is an existing use, or
3 if the use may be attained by implementing effluent limitations required under Sections 301(b)
4 and 306 of the Clean Water Act, 33 U.S.C. 1311(b) and 1316, and by implementing cost-
5 effective best management practices for nonpoint source control.

6 (4) If a surface water is designated for a use that is not an existing use, the cabinet shall
7 redesignate the surface water upon demonstration that the designated use is unattainable because:

8 (a) Naturally occurring pollutant concentrations prevent the attainment of the use;

9 (b) Natural, ephemeral, intermittent, or low flow conditions or water levels prevent the
10 attainment of the use, unless these conditions may be compensated for by the discharge of
11 sufficient volume of effluent discharges;

12 (c) Human caused conditions or sources of pollution prevent the attainment of the use and
13 cannot be remedied or would cause more environmental damage to correct than to leave in place;

14 (d) Dams, diversions, or other types of hydrologic modifications preclude the attainment of
15 the use, and it is not feasible to restore the surface water to its original condition or to operate the
16 modification in a way that would result in the attainment of the use;

17 (e) Physical conditions related to the natural features of the surface water, but unrelated to
18 water quality, preclude attainment of the aquatic life use, such as the lack of a proper substrate,
19 cover, flow, depth, pools, or riffles; or

20 (f) Controls more stringent than those required by Sections 301(b) and 306 of the Clean
21 Water Act, 33 U.S.C. 1311(b) and 1316, would result in substantial and widespread economic
22 and social impact as determined by the guidelines in Interim Economic Guidance for Water
23 Quality Standards Workbook, EPA, March 1995.

(5) Redesignations shall be consistent with the antidegradation provisions of 401 KAR 10:029 and 10:030.

Section 3. Documentation for Redesignations. (1)(a) A person may request redesignation of surface water uses by petition to the cabinet.

(b) The petitioner shall provide the cabinet with the documentation required in subsection (3) of this section and shall have the burden of proof that the redesignation is appropriate.

(2)(a) The cabinet may propose redesignations of surface water uses.

(b) The cabinet shall provide documentation for those surface waters that it proposes for use redesignation.

(3) Documentation to support the redesignation of a surface water of the Commonwealth shall be:

(a) A United States Geological Survey 7.5 minute topographic map or its equivalent showing those surface waters to be redesignated, with a description consisting of a river mile index with existing and proposed discharge points;

(b) Existing uses and water quality data for the surface waters for which the redesignation is proposed. If adequate data are unavailable, additional studies shall be required by the cabinet;

(c) Descriptions of general land uses and specific land uses adjacent to the surface waters for which the redesignation is proposed;

(d) The existing and designated uses of the downstream waters into which the surface water under consideration discharges;

(e) General physical characteristics of the surface water including width, depth, bottom composition, and slope;

(f) The frequency of occasions when there is no natural flow in the surface water and the

7Q₁₀ and harmonic mean flow values for the surface water and adjacent surface waters;

(g) An assessment of the existing and potential aquatic life habitat in the surface waters under consideration and the adjacent upstream surface waters.

1. The existing aquatic life shall be documented and livestock and natural wildlife dependence on the surface water shall be assessed.

2. The occurrence of individuals or populations, indices of diversity and well-being, and abundance of species of ~~any~~ unique native biota shall be documented;

(h) The proposed designated uses for the surface water in question; and

(i) An explanation of the irretrievable person-induced, or natural conditions that preclude attainment of a higher use designation or an assessment of the substantial and widespread social and economic impacts resulting from the imposition of additional controls necessary for existing point sources, beyond the most stringent effluent limitation levels normally required for the sources.

Section 4. Procedures for Redesignation.

(1) For each of the surface waters for which a redesignation is proposed, the cabinet or petitioner shall prepare a fact sheet containing the following information:

(a) The name and address of the petitioner;

(b) The name and sketch or description of the surface water proposed for specified use redesignations, including the location of existing and proposed dischargers;

(c) The proposed use redesignations;

(d) A brief abstract of the supportive documentation, which demonstrates that the redesignation is appropriate;

(e) The appropriate water quality criteria for the surface water based on the proposed

designated use;

(f) The treatment requirements proposed for discharges to the surface water in question if designated for the proposed use; and

(g) A "plain English" summary of the implications of the designation for the community and other users or potential users of the surface water in question.

(2) The cabinet shall document the determination to propose or deny redesignation as a result of a petition, and shall provide a copy of the decision to the petitioner and other interested parties.

Section 5. Surface Water Use Designations.

(1) Listed in the tables [in this administrative regulation\[below\]](#) are the use designations for specific surface waters of the Commonwealth. The county column indicates the county in which the mouth or outlet of the surface water is located. The identifying symbols for use designations are listed in table A of this section.

Table A: Use Designation Symbols	
WAH	Warm Water Aquatic Habitat
CAH	Cold Water Aquatic Habitat
PCR	Primary Contact Recreation
SCR	Secondary Contact Recreation
DWS	Domestic Water Supply, applicable at existing points of public water supply intake
OSRW	Outstanding State Resource Water

(2)(a) Surface waters not specifically listed in this section are designated for the uses of warm water aquatic habitat, primary contact recreation, secondary contact recreation and

- 1 domestic water supply in accordance with Section 1 of this administrative regulation.
- 2 (b) Domestic water supply criteria in 401 KAR 10:031, Section 6, are implemented at
- 3 locations listed in Table B in this paragraph.

Table B: SURFACE WATER INTAKES FOR DOMESTIC WATER SUPPLY USE		
Name	Description	County
BIG SANDY RIVER BASIN		
[Elkhorn City Water Department]	Mile 13.7 of Russell Fork	Pike]
Paintsville Utilities Commission	Mile 38.9 of Levisa Fork	Johnson
Louisa Municipal Water Works	Mile <u>27.35</u> [0.6] of Levisa Fork	Lawrence
Prestonsburg City Utilities Commission	Mile <u>84.3</u> [57.5] of Levisa Fork	Floyd
Pikeville Water Works/US Filter	Mile <u>117.8</u> [88.2] of Levisa Fork	Pike
Martin County Water District #1	Mile 23.8 of Tug Fork	Martin
US Filter/Southern Water & Sewer District	Mile 65.4 of Levisa Fork	Floyd
Jenkins Water Works	Mile 0.2 of Little Elkhorn Creek (Elkhorn Lake)	Letcher
Mountain Water District	Mile 4.6 of Russell Fork	Pike

Martin County Water District #1	Mile <u>1.35 of Lick Branch (Crum Reservoir) [23.8 of Tug Fork]</u>	Martin
Jenkins Water Works	Mile <u>23.8 [24.4]</u> of Elkhorn Creek	Letcher
Little Sandy River Basin		
Grayson Utility Commission	Mile <u>39.03 [40.4]</u> of Little Sandy River	Carter
Greenup Water Plant	Mile 0.7 of Little Sandy River	Greenup
<u>Rattlesnake Ridge Water District</u>	<u>Mile 57.93 of Little Sandy River (Grayson Lake)</u>	<u>Elliott</u>
Tygarts Creek Basin		
Olive Hill Water Works	Mile 2.2 of Perry Branch (Olive Hill Reservoir)	Carter
Olive Hill Water Works	Mile <u>78.9 [84.4]</u> of Tygarts Creek	Carter
Upper Cumberland River Basin		
Water Service Corporation of KY	Mile 3.2 of Little Yellow Creek (Fern Lake)	Bell
Somerset Water Service	Mile 513.6 of Cumberland River (Lake Cumberland)	Pulaski
Corbin City Utilities Commission	Mile <u>21.45 [47.3]</u> of Laurel River (City Reservoir)	Laurel
Burnside Water Company	Mile 517.6 of Cumberland River (Lake Cumberland)	Pulaski
Albany Municipal Water Works Plant A	Mile 7.0 of Indian Creek (Lake Cumberland)	Clinton

Monticello Water & Sewer Commission	Mile 502.2 of Cumberland River (Lake Cumberland)	Wayne
London Utility Commission	Mile 1.2 of Indian Camp Creek (Laurel River Reservoir)	Laurel
Harlan Municipal Water Works	Mile 0.2 of Poor Fork	Harlan
Mt Vernon Municipal Water Works	Mile 3.3 of Renfro Creek (Lake Linville) <u>(emergency use only)</u>	Rockcastle
<u>Laurel County Water Department #2</u>	<u>Mile 4.9 of Craig Creek (Laurel River Lake)</u>	<u>Laurel</u>
Laurel County Water Department #2	Mile <u>27.95 [23.9]</u> of Laurel River (Dorthea Dam) <u>(emergency use only)</u>	Laurel
McCreary County Water District Plant A	Mile 8.9 of Laurel Creek (Laurel Creek Reservoir)	McCreary
Burkesville Municipal Water Works	Mile 427.05 of Cumberland River	Cumberland
Mckee Municipal Water Works	Mile 2.3 of Bills Branch (Mckee City Reservoir)	Jackson
Williamsburg Water Works	Mile <u>589.7 [584.15]</u> of Cumberland River	Whitley
Jamestown Municipal Water Works	Mile <u>3.75 [3.9]</u> of Greasy Creek Branch (Lake Cumberland)	Russell
<u>Jamestown Municipal Water Works</u>	<u>Mile Point 4.6 of Greasy Creek Branch (Lake Cumberland due to the lowering)</u>	<u>Russell</u>

Jackson County Water Association Inc	Mile 2.1 of Flat Lick Creek (Beulah Lake)	Jackson
Knox County Utility Commission	Mile 642.61 of Cumberland River	Knox
Wood Creek Water District	Mile 7.2 of Wood Creek (Wood Creek Lake)	Laurel
Cumberland Water Works	Mile 25.2 of Poor Fork	Harlan
Pineville Water System	Mile 3.2 of Cannon Creek (Cannon Creek Lake)	Bell
Benham Water Works	Mile 3.5 of Looney Creek	Harlan
Woodson Bend Resort	Mile 2.98 of South Fk. Cumberland River (Lake Cumberland)	Pulaski
Barbourville Utility Commission	Mile 1.3 of Indian Camp Creek (Laurel River Lake)	Laurel
<u>Barbourville Utility Commission</u>	<u>Mile 17.5 of Laurel River (main intake)</u>	<u>Laurel</u>
Cawood Water District	Mile <u>10.1</u> [44.9] of Martins Fork	Harlan
[Cumberland County Water District]	Mile 419.7 of Cumberland River	Cumberland
Ky Parks Cumberland Falls	Mile 562.5 of Cumberland River	Whitley]
Barbourville Utility Commission	Mile 635.5 of Cumberland River	Knox
Albany Municipal Water Works Plant B	Mile <u>3.9</u> [6.7] of Indian Creek (Lake Cumberland)	Clinton

McCreary County Water District Plant B	Mile <u>31.3</u> [34.9] of South Fork Cumberland River (Lake Cumberland)	McCreary
Evarts Municipal Water Works	Mile 0.1 on UT of Bailey Creek. UT at mile 0.6	Harlan
Evarts Municipal Water Works	Mile 1.0 of Bailey Creek	Harlan
Bell County Forestry Camp	Mile 0.2 of Bear Creek (Chenoa Lake)	Bell
<u>Stanford Water Works</u>	<u>Mile 58.1 Buck Creek (Buck Creek Lake)</u>	<u>Lincoln</u>
Licking River Basin		
Millersburg Municipal Water Works	Mile <u>78.1</u> [43.3] of Hinkston Creek	Bourbon
Paris Municipal Water Works	Mile 16.7 of Stoner Creek	Bourbon
Northern Ky Water Service District Plant A	Mile <u>4.55</u> [4.8] of Licking River	Kenton
Mt Sterling Water & Sewer System	[Mile 36.1 of] Slate Creek at mile 36.1 (Reservoir)	Montgomery
<u>Mt Sterling Water & Sewer System</u>	<u>Mile 36.5 of Slate Creek (at the plant)</u>	<u>Montgomery</u>
Cynthiana Municipal Water Works	Mile <u>50.4</u> [51.2] of South Fork Licking River	Harrison
Flemingsburg Utilities	Mile 0.7 of UT to Town Branch (Flemingsburg Lake)	Fleming

Williamstown Municipal Water	Mile 1.89 of Lake Branch (Lake Williamstown)	Grant
Morehead State University Water Plant	Mile 0.7 of Evans Branch (Evans Branch Impoundment)	Rowan
Morehead State University Water Plant	Mile 13.7 of Triplets Creek	Rowan
Carlisle Municipal Water Plant	Mile 3.5 of UT to Brushy Fork (City Lake)	Nicholas
Falmouth Water Plant	Mile <u>52.09</u> [52.7] of Licking River	Pendleton
Morehead Utility Plant Board	Mile <u>170.6</u> [177.7] of Licking River	Rowan
[West Liberty Water Company]	Mile 228.6 of Licking River	[Morgan]
Western Fleming Water District	Mile <u>100.5</u> [102.5] of Licking River	Nicholas
Salysersville Municipal Water Works	Mile <u>270.3</u> [273.2] of Licking River	Magoffin
Cynthiana Municipal Water Works	Mile <u>83.1</u> [84.5] of Licking River	Harrison
Flemingsburg Utilities	UT of Town Branch at mile 1.6 (Old Reservoir)	Fleming
[Flemingsburg Utilities]	Mile 131.8 of Licking River	[Fleming]
Carlisle Municipal Water Department	Mile <u>107.8</u> [110.2] Licking River	Nicholas

West Liberty Water Company	Mile <u>4.35</u> [3.9] of North Fork Licking River (Cave Run Lake)	Rowan
Cave Run Water Commission	Mile <u>195.9</u> [197.4] of Licking River (Cave Run Lake)	Menifee
Rattlesnake Ridge Water District	Mile 57.4 of Little Sandy River (Grayson Lake)	<u>Carter</u> [Elliott]
Kentucky River Basin		
Lancaster Municipal Water Works	Mile <u>141.62</u> [145.2] of Kentucky River (Pool #8)	Garrard
Northpoint Training Center	Mile 17.3 of Dix River (Herrington Lake)	Boyle
Frankfort Electric & Water Plant Board	Mile <u>69.8</u> [71.7] of Kentucky River (Pool #4)	Franklin
Hazard Water Department	Mile 104.1 of North Fork Kentucky River	Perry
Wilmore Utilities System	Mile <u>114.0</u> [117.2] of Kentucky River (Pool #6)	Jessamine
Nicholasville Water Works	Mile <u>154.1</u> [157.9] of Kentucky River (Pool #8)	Jessamine
Berea Municipal Utilities	Mile 3.6 of Cowbell Creek Cowbell Lake	Madison
Jackson Municipal Water Works	Mile <u>305.45</u> [47.2] of North Fork Kentucky River	Breathitt
Kentucky American Water Company Plant A	Mile <u>167.43</u> [171.5] of Kentucky River (Pool #9)	Fayette
Kentucky American Water Company Plant B	Mile 10.6 of East Hickman Creek (Reservoir #4)	Fayette

Kentucky American Water Company	Reservoir #1 (Lake Ellerslie) <u>(Primarily used as emergency backup)</u>	Fayette
Danville Water Works	Mile 18.9 of Dix River (Herrington Lake)	Boyle
Lawrenceburg Municipal Water Works	Mile <u>83.75</u> [86.2] of Kentucky River	Anderson
Versailles Municipal Water Works	Mile <u>85.27</u> [87.7] of Kentucky River (Pool 5)	Woodford
Harrodsburg Municipal Water Works	Mile <u>117.85</u> [121.9] of Kentucky River (Pool 7)	Mercer
Stanford Water Works	Mile <u>5.63</u> [6.9] of Neals Creek.(Rice Lake)	Lincoln
Richmond Utilities Board	Mile <u>201.3</u> [206.49] of Kentucky River (Pool 11)	Madison
Whitesburg Municipal Water Works/Veolia Water	Mile <u>150.95</u> [150.9] of North Fork Kentucky River	Letcher
Manchester Water Works	Mile 3.9 of Beech Creek (Bert Combs Lake)	Clay
Georgetown Municipal Water & Sewer	Mile <u>50.9</u> [33.5] of North Elkhorn Creek	Scott
Beattyville Water Works	Mile <u>262.8</u> [14.3] of North Fork Kentucky River (Pool #14)	Lee
Bullock Pen Water District	Mile 2.8 Of Bullock Pen Creek (Bullock Pen Lake)	Grant
[Ky Parks Natural Bridge State Park]	Mile 0.11 of Mill Creek (Mill Creek Lake)	Powell]

Winchester Municipal Utilities	Mile 6.5 of Lower Howard Creek (Winchester Reservoir {Carol E. Ecton Reservoir})	Clark
Winchester Municipal Utilities	Mile <u>176.5</u> [1180.8] of Kentucky River (Pool #10)	Clark
Campton Water Works	Mile 0.3 of Hiram Branch (Campton Lake)	Wolfe
Hyden-Leslie County Water District	Mile <u>76.6</u> [75.4] of Middle Fork Kentucky River [(Buckhorn Reservoir)]	Leslie
Booneville Water & Sewer District	Mile 12.8 of South Fork Kentucky River	Owsley
Georgetown Municipal Water & Sewer	Mile 0.61 of UT (Royal Springs) at mile 33.5 of North Elkhorn Creek	Scott
<u>Kentucky American Northern Division</u> [Owenton Water Works]	Mile <u>0.55</u> [0.6] of Severn Creek	Owen
<u>Kentucky American Northern Division</u> [Owenton Water Works]	Mile <u>6.3 of North Fork of North Severn Creek</u> [1.1 of UT to North Severn Creek at mile 5.5] (Lower Thomas Lake)	Owen
Irvine Municipal Utilities	Mile <u>218.5</u> [223.4] of Kentucky River (Pool #11)	Estill
Bluegrass Army Depot	Mile 0.4 of Little Muddy Creek (Lake Vega)	Madison
Beech Fork Water Commission	Mile 0.3 of Beech Fork (Beech Fork Reservoir)	Powell
Berea Municipal Utilities	Mile 2.1 of East Fork Silver Creek (Lower Silver Creek Lake)	Madison

Berea Municipal Utilities	Mile 2.8 of East Fork Silver Creek (Upper Silver Creek Lake)	Madison
Berea Municipal Utilities	Mile 2.5 of Owsley Fork (Owsley Fork Lake)	Madison
Manchester Water Works	Mile <u>19.5</u> [18.9] of Goose Creek	Clay
[Blackey Municipal Water Works	Mile 131.0 of North Fork Kentucky River	Letcher]
Beech Fork Water Commission	Mile 31.0 of Red River	Powell
<u>Kentucky American Water Co (Plant C</u>	<u>Mile 47.8 of Kentucky River</u>	<u>Franklin</u>
<u>Knott County Water and Sewer District</u>	<u>Mile 11.6 of Carr Fork Lake</u>	<u>Knott</u>
Salt River Basin		
Shelbyville Municipal Water & Sewer Commission	Mile <u>27.5</u> [28.0] of Guist Creek (Guist Creek Lake)	Shelby
Bardstown Municipal Water Works	Mile 1.1 of Buffalo Creek (Lake Sympson)	Nelson
Lebanon Water Works Company	Mile 98.2 of Rolling Fork River	Marion
Springfield Water Works	Mile 4.2 of Long Lick Creek (Willisburg Lake)	Washington
Lebanon Water Works Company	Mile <u>2.0</u> [1.0] of Fagan Branch (Fagan Branch Reservoir)	Marion

Springfield Water Works	Mile 1.3 of Allen Branch (Springfield Reservoir)	Washington
Green River Basin		
[Hidden Valley Springs	Mile 0.4 of Hidden Valley Spring of UT to Rock Creek at mile 5.9	Grayson]
Morgantown Utilities Commission	Mile <u>143.27</u> [144.8] of Green River	Butler
Campbellsville Water Works	Mile 1.3 of Trace Fork (City Reservoir)	Taylor
<u>Columbia/Adair Water Commission</u>	<u>Mile 311.7 Green River Lake</u>	<u>Taylor</u>
[Columbia Utilities Commission	Mile 42.7 of Russell Creek	Adair]
Glasgow Water Co/Plant B	Mile 22.4 of Beaver Creek	Barren
Greensburg Municipal Water Works	Mile <u>279.8</u> [283.5] of Green River	Green
Livermore Water Works	Mile <u>71.3</u> [74.9] of Green River	McLean
Elizabethtown Municipal Water Works A	From Old City Spring at mile <u>9.55</u> [10.6] of Valley Creek	Hardin
Elizabethtown Municipal Water Works A	Gaithers Station Spring at mile <u>7.48</u> [6.9] of Valley Creek	Hardin
Bowling Green Municipal Utilities	Mile <u>37.8</u> [38.4] of Barren River	Warren
Green River Valley Water	Rio Springs at UT to Green River at mile 240.6	Hart

District		
Hodgenville Water Works	Mile <u>114.7</u> [5.8] of North Fork Nolin River	Larue
[Hardinsburg/Us Filter	Tules Creek at mile 1.2 (Rough River Reservoir)	Breckinridge]
Central City Municipal Water & Sewer	Mile <u>85.4</u> [86.0] of Green River	Muhlenberg
Calhoun Water Works	Mile 63.9 of Green River	McLean
Hartford Municipal Water Works	Mile 29.8 of Rough River	Ohio
Greenville Utilities Commission	Luzerne Lake (Luzerne Lake no longer connected to Caney Creek at mile 2.3	Muhlenberg
Ohio County Water Plant	Mile <u>130.55</u> [131.9] of Green River	Ohio
Franklin Water Plant	Mile 23.4 of West Fork Drake's Creek	Simpson
Glasgow Water Co/Plant A	Mile 86.8 of Barren River (Barren River Reservoir)	Barren
Leitchfield Municipal Water Works	Mile 107.7 of Rough River (Reservoir)	Grayson
Campbellsville Water Works	Mile 5.3 of Robinson Creek (Green River Reservoir)	Taylor
Edmonson County Water District	Mile <u>181.3</u> [183.7] of Green River	Edmonson
Elizabethtown Municipal Water Works B	Mile 2.1 of Freeman Creek (Freeman Lake)	Hardin

Tompkinsville Municipal Water Works	Mile 6.0 of Mill Creek (Mill Creek Reservoir)	Monroe
Madisonville Municipal Water Works	Mile 54.1 of Green River	Hopkins
Liberty Water Works	Mile <u>1.4</u> [0.9] of Hickman Creek (Lake Liberty)	Casey
[City of Lafayette (Tennessee)]	Mile 118.4 of Barren River	Monroe]
Stanford Water Works	Mile 0.6 of UT to Green River (James C. Harris Reservoir)	Lincoln
Hardin County Water District #2	Nolin River at mile <u>80.4</u> [75.3] (White Mills Spring)	Hardin
Green River Valley Water District	Mile <u>237.0</u> [240.6] of Green River	Hart
Scottsville Municipal Water Works	Mile <u>91.7</u> [88.6] of Barren River (Barren River Lake)	Allen
Butler County Water System	Mile 143.8 of Green River	Butler
Edmonson County Water District	Mile <u>28.0</u> [23.5] of Nolin River (Nolin Reservoir)	Grayson
[Columbia Utilities Commission]	Mile 317.5 of Green River (Green River Reservoir)	Adair]
Henderson Water Utilities/South	Mile 41.3 of Green River	Webster
Webster Cnty Water District	Mile 47.5 of Green River	Webster

Hodgenville Water Works	Mile 0.3 of UT at mile 116.9 [8.4] of North Fork Nolin River (Salem Lake)	Larue
Grayson County Water District	Mile 97.7 of Rough River (Rough River Reservoir)	Grayson
Lower Cumberland River Basin		
Kentucky State Penitentiary	Mile 43.65 [40.2] of Cumberland River (Lake Barkley)	Lyon
Hopkinsville Water Environmental Authority	Mile 74.83 [44.2] of North Fork Little River	Christian
Hopkinsville Water Environmental Authority	Mile 14.6 [41.9] of Little River (Lake Barkley)	Trigg
Eddyville Municipal Water Works	Mile 1.5 of Knob Creek (Lake Barkley)	Lyon]
Princeton Water Department	Mile 46.0 [41.9] of Cumberland River (Lake Barkley)	Lyon
Kuttawa Municipal Water Plant	Mile 41.0 [37.9] of Cumberland River (Lake Barkley)	Lyon
Barkley Lake Water District	Mile 0.7 of Hopson Creek (Lake Barkley)	Trigg
Crittenden-Livingston Co Water District	Mile 15.95 [44.0] of Cumberland River	Livingston
Hopkinsville Water Environmental Authority	From Hopkinsville Stone Quarry No. 1 (South Quarry) adjacent to North Fork Little River at mile 14.8	Christian

Cadiz Water Company	Mile 13.5 of Little River (<u>emergency use only when primary Cadiz Spring is unable to provide sufficient supply</u>)	Trigg
<u>Cadiz Water Co</u>	<u>Mile 3.2 of Little Yellow Creek</u>	<u>Trigg</u>
Hopkinsville Water Environmental Authority	Hopkinsville Stone Quarry No. 2 (North Quarry) adjacent to White Creek at mile 0.2	Christian
[TVA Land Between The Lakes, Wrangler	Mile 1.0 on UT of Lick Creek at mile 1.1	Trigg]
Eddyville Municipal Water Works	Mile 40.2 of Cumberland River (Lake Barkley)	Lyon
<u>Logan Todd Regional Water Commission</u>	<u>Cumberland River at Clarksville TN</u>	<u>TN</u>
Tradewater River Basin		
Providence Water Works	Mile 0.3 of Owens Creek (New Providence City Lake)	Webster
Madisonville Municipal Water Works	Mile 6.3 of Greasy Creek (Lake Pewee).	Hopkins
[Earlington Water Works	Mile 0.2 of UT to Clear Creek at mile 26.5 (Loch Mary Reservoir)	Hopkins]
Dawson Springs City Water & Sewer	Mile 0.1 of Piney Creek (Lake Beshear)	Caldwell
Providence Municipal Water Works	Mile <u>40.8</u> [41.3] of Tradwater River	Webster

Ohio River Basin (Main Stem And Minor Tributaries)		
Maysville Utility Commission	Mile 408.5 of Ohio River	Mason
Ashland Municipal Water Works	Mile 319.68 of Ohio River	Boyd
Northern Ky Water Service District - Newport Plant	Mile 463.6 of Ohio River	Campbell
Paducah Water Works	Mile 935.6 of Ohio River	McCracken
Louisville Water Company /ZPS A	Mile 600.6 of Ohio River	Jefferson
Henderson Water & Sewer Department	Mile 803.6 of Ohio River	Henderson
Northern Ky Water Service District Plant B	Mile 462.7 of Ohio River	Campbell
Morganfield Municipal Water Works	Mile 840.0 of Ohio River	Union
Russell Water Plant	Mile 327.7 of Ohio River	Greenup
Marion Municipal Water Works	Mile <u>25.6</u> [26.4] of Crooked Creek (City Lake)	Crittenden
US Army Ft Knox A	Mile 8.6 of Otter Creek	Meade
Louisville Water Company BEPWTP B	Mile 594.7 of Ohio River	Jefferson

Sturgis Municipal Water Works	Mile 871.4 of Ohio River	Union
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(3) (a) Table C in this subsection lists waters that have:

1. A designated use of CAH or OSRW; or
2. Exceptions to specific criteria in 401 KAR 10:031.

(b) All other criteria in 401 KAR 10:031 applicable to the listed use designations shall apply to surface waters listed in Table C in this subsection.

(c) 1. DWS use shall apply to all waters listed in Table C in this section.

2. DWS use criteria found in 401 KAR 10:031, Section 6, shall apply only at the surface water intakes listed in Table B of this section.

Table C: SURFACE WATER USE DESIGNATIONS				
Stream	Zone (Descriptive and water body or segment river miles)	County	Use Designation	Exceptions to Specific Criteria
BIG SANDY RIVER BASIN				
Hobbs Fork of Pigeonroost Fork of Wolf Creek	Mouth to Headwaters (0.0-3.9)	Martin	WAH, PCR, SCR, OSRW	
Lower Pigeon Branch of Elkhorn Creek	Left Fork to Headwaters (0.6-1.9)	Pike	WAH, PCR, SCR, OSRW	
Paint Creek of Levisa Fork	Levisa Fork to Paintsville Dam (0.0-8.3)	Johnson	CAH, PCR, SCR	

Russell Fork of Levisa Fork of Big Sandy River	Clinch Field RR Yard off HWY 80 to Virginia State Line (15.0-16.5)	Pike	WAH, PCR, SCR, OSRW	
<u>Thompson Fork of Souders Branch</u>	<u>Mouth to Headwaters (0.0-1.0)</u>	<u>Floyd</u>	<u>WAH, PCR, SCR, OSRW</u>	
Toms Branch of Elkhorn Creek	Mouth to Headwaters (0.0-1.6)	Pike	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Hobbs Fork	Hobbs Fork of Pigeonroost Fork to Headwaters (0.0-0.55)	Martin	WAH, PCR, SCR, OSRW	
<u>Unidentified Tributary of Open Fork Paint Creek</u>	<u>Mouth to Headwaters (0.0-0.8)</u>	<u>Morgan</u>	<u>WAH, PCR, SCR, OSRW</u>	
LAKES AND RESERVOIRS				
Paintsville	Entire reservoir	Johnson	WAH, CAH, PCR, SCR	
LITTLE SANDY RIVER BASIN				
Arabs Fork of Big Sinking Creek	Clay Fork to Headwaters (0.0-5.1)	Elliott	WAH, PCR, SCR, OSRW	
Big Caney Creek	Grayson Lake to source (1.8-15.3)	Elliott/ Rowan	CAH, PCR, SCR, OSRW	

Big Sinking Creek of Little Sandy River	SR 986 to Clay Fork and Arab Fork (<u>11.0-15.9</u> [6.4-15.2])	Carter/ Elliott	WAH, PCR, SCR, OSRW	
Laurel Creek of Little Sandy River	Little Sandy River to Carter School Rd (0.0-7.6)	Elliott/ Rowan	CAH, PCR, SCR,	
Laurel Creek of Little Sandy River	Carter School Rd Bridge to Headwaters (7.6-14.7)	Elliott/ Rowan	CAH, PCR, SCR, OSRW	
Meadow Branch of Little Fork of Little Sandy River	Mouth to Headwaters (0.0-1.4)	Elliott	WAH, PCR, SCR, OSRW	
Middle Fork of Little Sandy River	Mouth to Sheepskin Branch (0.0-3.4)	Elliott	WAH, PCR, SCR, OSRW	
Nichols Fork of Little Fork of Little Sandy River	Green Branch to Headwaters (0.0-2.0)	Elliott	WAH, PCR, SCR, OSRW	
LAKES AND RESERVOIRS				
Greenbo	Entire Reservoir	Greenup	WAH, CAH, PCR, SCR	
LICKING RIVER BASIN				
Blackwater Creek of Licking River	Eaton Creek to Greasy Fork (3.8-11.7)	Morgan	WAH, PCR, SCR, OSRW	
Blanket Creek of Licking River	Mouth to Unidentified Tributary (0.0-1.9)	Pendleton	WAH, PCR, SCR, OSRW	

Botts Fork of Brushy Fork of Licking River	Mouth to Landuse Change (0.0-2.1)	Menifee	WAH, PCR, SCR, OSRW	
Bowman Creek	Mouth to Unidentified Tributary (0.0-6.0)	Kenton	WAH, PCR, SCR, OSRW	
Brushy Fork of Meyers Creek	Cave Run Lake Backwaters to Headwaters (0.7-5.6)	Menifee	WAH, PCR, SCR, OSRW	
Bucket Branch of North Fork of Licking River	Mouth to Headwaters (0.0-1.9)	Morgan	WAH, PCR, SCR, OSRW	
Cedar Creek of Licking River	Mouth to North Branch of Cedar Creek (0.0-1.7)	Robertson	WAH, PCR, SCR, OSRW	
Craney Creek	Source to North Fork of Licking River (0.0-11.2)	Rowan/ Morgan	CAH, PCR, SCR, OSRW	
Devils Fork of North Fork of Licking River	Mouth to Headwaters (0.0-8.5)	Elliott/ Morgan	WAH, PCR, SCR, OSRW	
Flour Creek of Licking River	Mouth to Unidentified Tributary (0.0-2.2)	Pendleton	WAH, PCR, SCR, OSRW	
Grovers Creek of Kincaid Creek	Kincaid Lake Backwaters to Unidentified Tributary (0.5-3.4)	Bracken/ Pendleton	WAH, PCR, SCR, OSRW	

Licking River	River Mile 175.6 (U.S. Highway 60 Bridge) to River Mile 180.8 (Cave Run Lake Dam (175.6-180.8)	Bath/ Rowan	CAH, PCR, SCR	
Licking River	River Mile <u>159.3</u> [159.5] (<u>SR</u> [Hwy] 211) to River Mile <u>170.5</u> [170.6] (Unnamed Road off <u>Slate</u> [Slatey] Point Road)	Bath/ Rowan/ Fleming	WAH, PCR, SCR, OSRW	
Licking River	River Mile 19.3 (Hwy 536 Bridge) to River Mile 117.6 (1.3 river miles above Fishtrap Creek)	Kenton/ Campbell/ Pendleton/ Harrison/ Robertson/ Fleming	WAH, PCR, SCR, OSRW	
Minor Creek of Craney Creek	Mouth to river mile 2.8 (0.0-2.8)	Morgan/ Rowan	CAH, PCR, SCR	
North Fork of Licking River	Cave Run Lake Backwaters to Devils Fork (8.4-13.4)	Morgan	WAH, PCR, SCR, OSRW	
Sawyers Fork of Cruises Creek	Mouth to Headwaters (0.0-3.3)	Kenton	WAH, PCR, SCR, OSRW	

Slabcamp Creek of Craney Creek of Licking River	Mouth to Headwaters (0.0- 3.7)	Rowan	CAH, PCR, SCR, OSRW	
Slate Creek of Licking River	Mouth to Mill Creek (0.0- 13.55)	Bath	WAH, PCR, SCR, OSRW	
South Fork Grassy Creek of Grassy Creek of Licking River	Mouth to Greasy Creek (0.0-19.8)	Kenton/ Pendleton	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Shannon Creek of North Fork of Licking River	Mouth to Headwaters 0.0- 2.2)	Mason	WAH, PCR, SCR, OSRW	
Welch Fork of Brushy Fork of Licking River	Mouth to First Unnamed Tributary (0.0-1.0)	Menifee	WAH, PCR, SCR, OSRW	
West Creek of Licking River	Mouth to Headwaters (0.0- 9.8)	Harrison/ Robertson	WAH, PCR, SCR, OSRW	
KENTUCKY RIVER BASIN				
Backbone Creek of Sixmile Creek of Kentucky River	Mouth to Scrabble Creek (0.0-1.65)	Franklin/ Henry/ Shelby	WAH, PCR, SCR, OSRW	

Bear Branch of North Fork of Kentucky River	Above Sediment Pond to Headwaters (0.3-1.2)	Perry	WAH, PCR, SCR, OSRW	
Big Double Creek of Red Bird River	Mouth to Confluence of Left and Right Forks of Big Double Creek (0.0-4.4)	Clay	WAH, PCR, SCR, OSRW	
Bill Branch of Laurel Fork of Greasy Creek	Mouth to Right Fork and Left Fork Creek (0.0-0.3)	Leslie	WAH, PCR, SCR, OSRW	
Billey Fork of Millers Creek	Land Use Change to Headwaters (2.6-8.8)	Lee/Elliott	WAH, PCR, SCR, OSRW	
Bill Oak Branch of Left Fork of Buffalo Creek	Mouth to Headwaters (0.0-0.3)	Owsley	WAH, PCR, SCR, OSRW	
Buffalo Creek of South Fork of Kentucky River	Mouth to Right Fork and Left Fork (0.0-1.6)	Owsley	WAH, PCR, SCR, OSRW	
<u>Bullskin Creek of South Fork Kentucky River</u>	<u>Mouth to Headwaters (0.0-14.55)</u>	<u>Clay</u>	<u>WAH, PCR, SCR, OSRW</u>	
Cavanaugh Creek	South Fork of Station Camp Creek to Foxtown Rd (0.0-8.3)	Jackson	WAH, PCR, SCR, OSRW	

Cherry Run of Boyd Run of North Elkhorn Creek	Mouth to Boyd Run (0.0-0.9)	Scott	WAH, PCR, SCR, OSRW	
Chester Creek of Middle Fork of Red River	Mouth to Headwaters (0.0-2.8)	Wolfe	WAH, PCR, SCR, OSRW	
Chimney Top Creek of Red River	Basin (0.0-4.6)	Wolfe	CAH, PCR, SCR	
Clear Creek of Kentucky River	Mouth to East Fork Clear Creek (0.0-9.0)	Woodford	WAH, PCR, SCR, OSRW	
Clemons Fork of Buckhorn Creek	Mouth to Headwaters (0.0-4.8)	Breathitt	WAH, PCR, SCR, OSRW	
Coles Fork of Buckhorn Creek	Mouth to Headwaters (0.0-6.2)	Breathitt	WAH, PCR, SCR, OSRW	
Craig Creek of Kentucky River	Mouth (Kentucky River Backwaters) to Unidentified Tributary (0.0- 2.7)	Woodford	WAH, PCR, SCR, OSRW	
Deep Ford Branch of Cutshin Creek	Above Pond to Headwaters (0.3-1.35)	Leslie	WAH, PCR, SCR, OSRW	
Dix River	Mouth (Kentucky River) to River Mile 3.1 (Herrington Lake Dam) (0.0-3.1)	Garrard/ Mercer	CAH, PCR, SCR	

Dog Fork of Swift Camp Creek	Basin	Wolfe	CAH, PCR, SCR	
Drennon Creek of Kentucky River	Fivemile Creek to Town Branch (8.7-12.2)	Henry	WAH, PCR, SCR, OSRW	
East Fork of Indian Creek of Indian Creek of Red River	Headwaters East Fork of Indian Creek to Indian Creek (0.0-9.0)	Menifee	CAH, PCR, SCR OSRW	
Elisha Creek of Red Bird River	Land Use Change (Residential) to the confluence of Right Fork and Middle Fork Elisha Creek (0.8-1.8)	Leslie	WAH, PCR, SCR, OSRW	
Emily Run of Drennon Creek	Mouth to Unidentified Tributary (0.0-4.0)	Henry	WAH, PCR, SCR, OSRW	
Evans Fork of Billey Fork of Millers Creek	Mouth to Headwaters (0.0- 3.0)	Estill	WAH, PCR, SCR, OSRW	
Falling Rock Branch of Clemons Fork of Buckhorn Creek	Mouth to Headwaters (0.0- 0.7)	Breathitt	WAH, PCR, SCR, OSRW	
Gilberts Creek of Kentucky River	Mouth to Unidentified Tributary (0.0-2.6)	Anderson	WAH, PCR, SCR, OSRW	
Gladie Creek of Red River	Basin	Menifee	CAH, PCR, SCR	

Gladie Creek of Red River	Land Use Change to Long Branch (0.5-7.25)	Menifee	CAH, PCR, SCR, OSRW	
Goose Creek of South Fork of Kentucky River	Mouth to Laurel Creek (0.0-9.1)	Clay/Leslie	WAH, PCR, SCR, OSRW	
Griers Creek of Kentucky River	Kentucky River Backwaters to Unidentified Tributary (0.1-3.5)	Woodford	WAH, PCR, SCR, OSRW	
Grindstone Creek of Kentucky River	Kentucky River Backwaters to Headwaters (0.1-1.9)	Franklin	WAH, PCR, SCR, OSRW	
Hardwick Creek of Red River	Mouth to Little Hardwick Creek (0.0-3.25)	Powell	WAH, PCR, SCR, OSRW	
Hell For Certain of Middle Fork of Red River	Mouth to Big Fork (0.0-2.1)	Leslie	WAH, PCR, SCR, OSRW	
Hines Creek of Kentucky River	Kentucky River Backwaters to confluence with Unidentified Tributary (0.1-1.9)	Madison	WAH, PCR, SCR, OSRW	
Honey Branch of Greasy Creek of Middle Fork of Kentucky River	Mouth to Headwaters (0.0-1.35)	Leslie	WAH, PCR, SCR, OSRW	

Hopper Cave Branch of Cavanaugh Creek	Mouth to Headwaters (0.0-1.8)	Jackson	WAH, PCR, SCR, OSRW	
Indian Creek of Eagle Creek	Mouth to Headwaters (0.0-5.4)	Carroll	WAH, PCR, SCR, OSRW	
Indian Creek of Red River	River Mile 1.25 (East Fork of Indian Creek) to River Mile 5.2 (0.3 river miles below Bear Branch)	Menifee	CAH, PCR, SCR	
Indian Fork of Sixmile Creek of Kentucky River	Mouth to Headwaters (0.0-3.3)	Shelby	WAH, PCR, SCR, OSRW	
<u>Jessamine Creek of Kentucky River</u>	<u>Stream segment within the R.J. Corman Natural Area (12.3-13.55)</u>	<u>Jessamine</u>	<u>WAH, PCR, SCR, OSRW</u>	
John Carpenter Fork of Clemons Fork of Buckhorn Creek	Mouth to Headwaters (0.0-1.2)	Breathitt	WAH, PCR, SCR, OSRW	
<u>Joyce Fork of Cortland Fork</u>	<u>Mouth to Headwaters (0.0-1.2)</u>	<u>Owsley</u>	<u>WAH, PCR, SCR, OSRW</u>	
Katies Creek of Red Bird River	Mouth to Headwaters (0.0-4.0)	Clay	WAH, PCR, SCR, OSRW	

Laurel Fork of Left Fork Buffalo Creek of Buffalo Creek	Cortland Fork to Big Branch (0.0-3.75)	Owsley	WAH, PCR, SCR, OSRW	
Left Fork of Big Double Creek of Kentucky River	Mouth to Headwaters (0.0-1.5)	Clay	WAH, PCR, SCR, OSRW	
Line Fork of North Fork of Kentucky River	Defeated Creek to Headwaters (12.2-28.6)	Letcher	WAH, PCR, SCR, OSRW	
Little Middle Fork of Elisha Creek of Red Bird River	Mouth to Headwaters (0.0-0.75)	Leslie	WAH, PCR, SCR, OSRW	
Little Millseat Branch of Clemons Fork of Buckhorn Creek	Mouth to Headwaters (0.0-1.2)	Breathitt	WAH, PCR, SCR, OSRW	
Little Sixmile Creek of Sixmile Creek of Kentucky River	Mouth to Headwaters (0.0-5.3)	Henry	WAH, PCR, SCR, OSRW	
<u>Little Sturgeon Creek of Sturgeon Creek</u>	<u>Mouth to Warren Chapel Branch (0.0-3.0)</u>	<u>Owsley</u>	<u>WAH, PCR, SCR, OSRW</u>	
<u>Low Gap Branch of Elk Creek</u>	<u>Mouth to Headwaters (0.0-0.8)</u>	<u>Letcher</u>	<u>WAH, PCR, SCR, OSRW</u>	

<u>Lower Devil Creek of North Fork Kentucky River</u>	<u>Mouth to Middle Fork Lower Devil Creek (0.0-4.65)</u>	<u>Lee</u>	<u>WAH, PCR, SCR, OSRW</u>	
Lower Howard Creek of Kentucky River	Mouth to West Fork (0.5-6.6)	Clark	WAH, PCR, SCR, OSRW	
Lulbegrud Creek of Red River	Mouth to Falls Branch (0.0-7.3)	Clark/ Powell	WAH, PCR, SCR, OSRW	
Middle Fork of Kentucky River	Mouth to Upper Twin Creek (0.0-12.7)	Lee/ Owsley	WAH, PCR, SCR, OSRW	
Middle Fork of Kentucky River	Hurts Creek to Greasy Creek (75.2-85.5)	Leslie	WAH, PCR, SCR, OSRW	
Middle Fork of Red River	River Mile 10.7 (0.7 river miles below Sinking Fork) to Headwaters (15.3)	Powell	CAH, PCR, SCR	
Middle Fork of Red River	South Fork of Red River to Natural Bridge State Park Lake (1.8-7.2)	Powell	CAH, PCR, SCR, OSRW	
Mikes Branch of Laurel Fork of Left Fork of Buffalo Creek	Mouth to Headwaters (0.0-0.7)	Owsley	WAH, PCR, SCR, OSRW	
Mill Creek of Kentucky River	Near Mouth to Headwaters (0.0-1.85)	Owen	WAH, PCR, SCR, OSRW	

Millseat Branch of Clemons Fork of Buckhorn Creek	Mouth to Headwaters (0.0- 1.85)	Breathitt	WAH, PCR, SCR, OSRW	
Muddy Creek of Kentucky River	Elliston, Kentucky to Viney Fork (13.8-20.65)	Madison	WAH, PCR, SCR, OSRW	
Musselman Creek of Eagle Creek	Mouth to Headwaters (0.0- 9.0)	Grant	WAH, PCR, SCR, OSRW	
Parched Corn Creek	Source to Red River (0.0- 2.25)	Wolfe	CAH, PCR, SCR	
Red River	River Mile 70.4 (SR 746) to River Mile 50.3 (0.1 Miles below Auxier Branch)	Menifee/ Wolfe	WAH, PCR, SCR, OSRW	
Red Bird River of South Fork of Kentucky River	Mouth to Big Creek (0.0- 15.3)	Clay	WAH, PCR, SCR, OSRW	
Right Fork of Buffalo Creek of Kentucky River	Mouth to Headwaters (0.0- 2.1)	Owsley	WAH, PCR, SCR, OSRW	
Right Fork of Elisha Creek of Redbird River	Mouth to Headwaters (0.0- 3.3)	Leslie	WAH, PCR, SCR, OSRW	

Roaring Fork of Lewis Fork of Buckhorn Creek	Mouth to Headwaters (0.0- 0.9)	Breathitt	WAH, PCR, SCR, OSRW	
Rock Lick Creek	Mouth to Headwaters (0.0- 9.6)	Jackson	WAH, PCR, SCR, OSRW	
Sand Ripple Creek of Kentucky River	Kentucky River Backwaters to Headwaters (0.1-3.9)	Henry	WAH, PCR, SCR, OSRW	
Severn Creek of Kentucky River	Kentucky River Backwaters to North Fork of Severn Creek (1.35-3.0)	Owen	WAH, PCR, SCR, OSRW	
Shaker Creek of Kentucky River	Near Mouth to Shawnee Run (0.1-1.4)	Mercer	WAH, PCR, SCR, OSRW	
Shelly Rock Fork of Millseat Branch of Clemons Fork	Mouth to Headwaters (0.0- 0.6)	Breathitt	WAH, PCR, SCR, OSRW	
Sixmile Creek of Kentucky River	Little Sixmile Creek to Dam (7.1-15.3)	Henry	WAH, PCR, SCR, OSRW	
South Fork of Kentucky River	Mouth to Sexton Creek (0.0-27.8)	Owsley	WAH, PCR, SCR, OSRW	
South Fork of Red River	Mouth to Sandlick Fork (0.0-4.2)	Powell	WAH, PCR, SCR, OSRW	

South Fork of Station Camp Creek of Kentucky River	Mouth to Rock Lick Creek (0.0-9.7)	Jackson	WAH, PCR, SCR, OSRW	
Spruce Branch of Redbird River	Mouth to Headwaters (0.0- 1.0)	Clay	WAH, PCR, SCR, OSRW	
Station Camp Creek of Kentucky River	Landuse Change (Crooked Cr.) to South Fork of Station Camp Creek (3.3- 22.7)	Estill	WAH, PCR, SCR, OSRW	
Steeles Run of Elkhorn Creek	Mouth to Unidentified Tributary (0.0-4.2)	Fayette	WAH, PCR, SCR, OSRW	
Steer Fork of War Fork of Station Camp Creek	Mouth to Headwaters (0.0- 2.7)	Jackson	CAH, PCR, SCR, OSRW	
Sturgeon Creek of Kentucky River	Duck Fork to Little Sturgeon Creek (1.3-13.7)	Lee/ Owsley	WAH, PCR, SCR, OSRW	
Sugar Creek of Redbird River	Landuse Change to Headwaters (0.6-5.4)	Leslie	WAH, PCR, SCR, OSRW	
Sulphur Lick Creek of Elkhorn Creek	Mouth to Headwaters (0.0- 5.2)	Franklin	WAH, PCR, SCR, OSRW	
Swift Camp Creek	Red River to Source (0.0- 13.9)	Wolfe	CAH, PCR, SCR	

Unidentified Tributary of Cawood Branch of Beech Fork	Mouth to Headwaters (0.0- 2.1)	Leslie	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Cedar Creek of Kentucky River	Mouth to Headwaters (0.0- 1.4)	Owen	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Glenns Creek of Kentucky River	Mouth to Headwaters (0.0- 1.9)	Woodford	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Jacks Creek of Kentucky River	Mouth to Headwaters (0.0- 1.15)	Madison	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Kentucky River	Mouth at Kentucky River Backwaters to Land Use Change (0.1-1.4)	Franklin	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Line Fork of North Fork of Kentucky River (LCW)	Mouth to Headwaters (0.0- 0.6)	Letcher	WAH, PCR, SCR, OSRW	

War Fork of Station Camp Creek	Mouth to Headwaters (0.0- 13.8)	Jackson	CAH, PCR, SCR, OSRW	
War Fork of Station Camp Creek	Basin above River Mile 1.9 (0.3 river miles below Tarpin Lick Branch (2.5))	Jackson	CAH, PCR, SCR	
Watches Fork of Laurel Fork of Left Fork of Buffalo Creek	Mouth to Headwaters (0.0- 1.0)	Owsley	WAH, PCR, SCR, OSRW	
Wolfpen Creek of Red River	Mouth to Headwaters (0.0- 3.6)	Menifee	WAH, PCR, SCR, OSRW	
LAKES AND RESERVOIRS				
Bert Combs	Entire Reservoir	Clay	WAH, CAH, PCR, SCR	
Fishpond	Entire Reservoir	Letcher	WAH, CAH, PCR, SCR	
Mill Creek	Entire Reservoir	Wolfe	WAH, CAH, PCR, SCR	
SALT RIVER BASIN				
Brashears Creek of Salt River	Guist Creek to Bullskin and Clear Creek (13.0-25.9)	Shelby/ Spencer	WAH, PCR, SCR, OSRW	
Cedar Creek of Salt River	Mouth to Greens Branch (0.0-5.2)	Bullitt	WAH, PCR, SCR, OSRW	

Chaplin River of Salt River	Thompson Creek to Cornishville, KY (40.9-54.2)	Washington	WAH, PCR, SCR, OSRW	
Doctors Fork of Chaplin River	Mouth to Begley Branch (0.0-3.8)	Boyle	WAH, PCR, SCR, OSRW	
Guist Creek of Brashears Creek	Mouth to Jeptha Creek (0.0-15.7)	Spencer	WAH, PCR, SCR, OSRW	
Harts Run of Wilson Creek of Rolling Fork of Salt River	Mouth to Headwaters (0.0-1.8)	Bullitt	WAH, PCR, SCR, OSRW	
Indian Creek of Thompson Creek of Chaplin River of Salt River	Mouth to Unidentified Tributary (0.0-2.9)	Mercer	WAH, PCR, SCR, OSRW	
Lick Creek of Long Lick Creek of Beech Fork of Salt River	Mouth to 0.1miles below Dam (0.0-4.1)	Washington	WAH, PCR, SCR, OSRW	
Otter Creek of Rolling Fork of Salt River	Landuse Change to confluence of East Fork and Middle Fork Otter Creek (1.7-2.9)	Larue	WAH, PCR, SCR, OSRW	

Overalls Creek of Wilson Creek of Rolling Fork of Salt River	Mouth to Headwaters of Middle Fork of Overalls Creek (0.0-3.2)	Bullitt	WAH, PCR, SCR, OSRW	
Paddy's Run	Mouth (Ohio River) to headwaters	Jefferson	PCR, SCR	401 KAR 10:031, Section 2(1)(d) and 2(2) do not apply.
Rolling Fork of Salt River	River Mile 53.6 (0.8 mi upstream of Stiles Rd Bridge) to River Mile 62.5 (0.5 mi upstream of Otter Cr)	Larue/ Nelson	WAH, PCR, SCR, OSRW	
Salt Lick Creek of Rolling Fork of Salt River	Mouth to Headwaters (0.0- 8.6)	Larue, Marion	WAH, PCR, SCR, OSRW	
Sulphur Creek of Chaplin River	Mouth to confluence of Cheese Lick and Brush Creek (0.0-10.0)	Anderson/ Mercer/ Washingto n	WAH, PCR, SCR, OSRW	

Unidentified Tributary of Glens Creek of Chaplin River	Mouth to Headwaters (0.0- 2.3)	Washingto n	WAH, PCR, SCR, OSRW	
West Fork of Otter Creek of Rolling Fork of Salt River	Mouth to Headwaters (0.0- <u>5.4</u> [5.4])	Larue	WAH, PCR, SCR, OSRW	
Wilson Creek of Rolling Fork of Salt River	Mouth to Headwaters (0.0- 18.4)	Bullitt/ Nelson	WAH, PCR, SCR, OSRW	
GREEN RIVER BASIN				
Barren River	Green River to River Mile Lock and Dam #1 to Green River (0.0-15.1)	Butler/ Warren	WAH, PCR, SCR, OSRW	
Beaverdam Creek	Source to Green River (14.5-0.0)	Edmonson	CAH, PCR, SCR, OSRW	
<u>Big Brush Creek</u>	<u>Brush Creek to Poplar Grove Branch (13.0-17.3)</u>	<u>Green</u>	<u>WAH, PCR, SCR, OSRW</u>	
Cane Run of Nolin River	Nolin River Lake Backwaters to Headwaters (0.8-6.5)	Hart	WAH, PCR, SCR, OSRW	
Caney Fork of Peter Creek	Mouth to Headwaters (0.0- 6.7)	Barren	WAH, PCR, SCR, OSRW	

Clifty Creek of Rough River	Barton Run to Western Kentucky Parkway (7.5-17.3)	Grayson	WAH, PCR, SCR, OSRW	
Clifty Creek of Wolf Lick Creek	Little Clifty Creek to Sulphur Lick 0.0-13.4)	Todd	WAH, PCR, SCR, OSRW	
Double Sink Spring	Basin Outside Mammoth Cave National Park Boundary	Edmonson/ Barren	CAH, PCR, SCR, OSRW	
East Fork of Little Barren River	Red Lick Creek to Flat Creek (18.9-20.6)	Metcalf	WAH, PCR, SCR, OSRW	
Echo River	Basin Outside Mammoth Cave National Park Boundary (underground system)	Edmonson	CAH, PCR, SCR, OSRW	
<u>Elk Lick Creek</u>	<u>0.1 Mile Downstream of Mouth of Duck Lick Creek to Barren Fork Creek and Edger Creek (3.6-11.8)</u>	<u>Logan</u>	<u>WAH, PCR, SCR, OSRW</u>	
Ellis Fork of Damron Creek	Mouth to Headwaters (0.0-2.2)	Adair/ Russell	WAH, PCR, SCR, OSRW	
Falling Timber Creek of Skaggs Creek	Landuse Change to Headwaters (10.8-15.2)	Barren/ Metcalf	WAH, PCR, SCR, OSRW	

Fiddlers Creek of North Fork of Rough River	Mouth to Headwaters (0.0-5.9)	Breckinridge	WAH, PCR, SCR, OSRW	
Forbes Creek of Buck Creek of East Fork of Pond River	Mouth to Unidentified Tributary (0.0-4.1)	Christian	WAH, PCR, SCR, OSRW	
Ganter Spring	Basin Outside Mammoth Cave National Park Boundary	Edmonson	CAH, PCR, SCR, OSRW	
Gasper River of Barren River	Clear Fork to Wiggington Creek (17.2-35.6)	Logan/Warren	WAH, PCR, SCR, OSRW	
Goose Creek of Green River	Mouth to Little Goose Creek (0.0-8.5)	Casey/Russell	WAH, PCR, SCR, OSRW	
Green River	River Mile 210.6 (eastern Mammoth Cave National Park Boundary to River Mile 309.1 (Green River Lake Dam)	Hart/Taylor / Green	WAH, PCR, SCR, OSRW	

Green River	River Mile 185.0 (western Mammoth Cave National Park Boundary) to River Mile 210.6 (eastern Mammoth Cave National Park Boundary)	Edmonson/ Hart	WAH, PCR, SCR, OSRW	
Green River	Downstream Mammoth Cave National Park Boundary to Lynn Camp Creek (185.0-250.3)	Edmonson/ Hart	WAH, PCR, SCR, OSRW	
Green River	River Mile 148.5 (1.0 river mile below Lock and Dam #4) to River Mile 170.0 (Lock and Dam #5)	Butler/ Warren	WAH, PCR, SCR, OSRW	
Halls Creek of Rough River	Unidentified Tributary to Headwaters (4.8-9.6)	Ohio	WAH, PCR, SCR, OSRW	
Lick Creek of West Fork of Drakes Creek	Mouth to Headwaters (0.0-10.2)	Simpson	CAH, PCR, SCR, OSRW	
Linders Creek of Rough River	Mouth to Sutzer Creek (0.0-7.9)	Hardin	WAH, PCR, SCR, OSRW	
Little Beaverdam Creek of Green River	Mouth to SR 743 (0.0-11.4)	Edmonson/ Warren	WAH, PCR, SCR, OSRW	

Little Short Creek of Rough River	Mouth to Headwaters (0.0-3.1)	Grayson	WAH, PCR, SCR, OSRW	
Lynn Camp Creek	Green River to Source (0.0-8.3)	Hart	CAH, PCR, SCR	
Lynn Camp Creek of Green River	Mouth to Lindy Creek (0.0-8.5)	Hart	CAH, PCR, SCR, OSRW	
McFarland Creek of West Fork of Pond River	Grays Branch to Unidentified Tributary (1.5-5.0)	Christian	WAH, PCR, SCR, OSRW	
McCoy Spring	Basin Outside Mammoth Cave National Park Boundary	Hart	CAH, PCR, SCR, OSRW	
Meeting Creek of Rough River	Little Meeting Creek to Petty Branch (5.2-14.0)	Grayson/ Hardin	WAH, PCR, SCR, OSRW	
Mile 205.7 Spring	Basin Outside Mammoth Cave National Park Boundary	Hart	CAH, PCR, SCR, OSRW	
Muddy Creek of Caney Creek of Rough River	Landuse Change to Headwaters (13.5-15.5)	Ohio	WAH, PCR, SCR, OSRW	
Nolin River	River Mile 7.7 (Nolin Lake Dam) to Green River (0.0-7.7)	Edmonson	CAH,WAH, PCR, SCR	

North Fork of Rough River	Buffalo Creek to Reservoir Dam (22.1 -26.9)	Breckinridge	WAH, PCR, SCR, OSRW	
Peter Creek of Barren River	Caney Fork to Dry Fork (11.6-18.5)	Barren	WAH, PCR, SCR, OSRW	
Pike Spring	Basin Outside Mammoth Cave National Park Boundary	Edmonson	CAH, PCR, SCR, OSRW	
Pond Run of Rough River	Landuse Change to Headwaters (1.4-6.8)	Breckinridge/Ohio	WAH, PCR, SCR, OSRW	
<u>Puncheon Creek</u>	<u>Mouth to state line</u>	<u>Allen</u>	<u>WAH, PCR, SCR, OSRW</u>	
Rough River	Linders Creek to Vertrees Creek (138.0-149.4)	Hardin	WAH, PCR, SCR, OSRW	
Rough River	River Mile 89.6 to Rough River Lake Dam to 90.4	Ohio/Grayson	CAH,WAH, PCR, SCR	
Rough River	River Mile 74.5 to River Mile 74.2 (Hwy 54 Bridge)	McLean/Ohio	CAH, PCR, SCR	
Roundstone Creek of Nolin River	Hwy 1140 (River Mile 3.8) to Headwaters (River Mile 10.25)	Hart	CAH, PCR, SCR	
Running Spring	Basin Outside Mammoth Cave National Park Boundary	Edmonson	CAH, PCR, SCR, OSRW	

Russell Creek of Green River	Mouth to Columbia WWTP (0.0-40.0)	Green/Adair	WAH, PCR, SCR, OSRW	
Russell Creek of Green River	Reynolds Creek to confluence with Hudson Creek and Mount Olive Creek (56.9 -66.3)	Adair, Russell	WAH, PCR, SCR, OSRW	
Sixes Creek of Indian Camp Creek	Wild Branch to Headwaters (2.0-7.5)	Ohio	WAH, PCR, SCR, OSRW	
Suds Spring	Basin Outside Mammoth Cave National Park Boundary	Hart/Barren	CAH, PCR, SCR, OSRW	
Sulphur Branch of Alexander Creek	Mouth to Headwaters (0.0-3.0)	Edmonson	WAH, PCR, SCR, OSRW	
Thompson Branch	Webb Branch to Tennessee State Line (0.3-1.5)	Simpson	WAH, PCR, SCR, OSRW	
Trammel Fork of West Fork of Drakes Creek	River Mile 30.6 (Kentucky/Tennessee State Line) to Hwy 31E (River Mile 23.8)	Allen	CAH, PCR, SCR,	
Trammel Fork of West Fork of Drakes Creek	Mouth to Tennessee State Line (0.0-30.6)	Allen/Warren	CAH, PCR, SCR, OSRW	

Turnhole Spring	Basin Outside Mammoth Cave National Park Boundary	Edmonson/Barren	CAH, PCR, SCR, OSRW	
Underground River System	Mammoth Cave National Park	Edmonson/Hart/Barren	CAH, PCR, SCR, OSRW	
Unidentified Tributary of Green River	Landuse Change to Headwaters (1.7-3.2)	Adair	WAH, PCR, SCR, OSRW	
Unidentified Tributary of White Oak Creek	Hovious Rd Crossing to SR 76 (0.0-2.1)	Adair	WAH, PCR, SCR, OSRW	
West Fork of Pond River	Unidentified Tributary to East Branch of Pond River (12.45 -22.5)	Christian	WAH, PCR, SCR, OSRW	
TRADEWATER RIVER BASIN				
East Fork of Flynn Fork of Tradewater River	Landuse Change (US Hwy 62) to Headwaters (2.15-4.6)	Caldwell	WAH, PCR, SCR, OSRW	
Piney Creek of Tradewater River	Lake Beshear Backwaters to Headwaters (4.5-10.2)	Caldwell, Christian	WAH, PCR, SCR, OSRW	
Sandlick Creek of Tradewater River	Camp Creek to Headwaters (4.5-8.6)	Christian	WAH, PCR, SCR, OSRW	

Tradewater River	Dripping Springs Branch to Buntin Lake Dam (126.2-133.9)	Christian	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Piney Creek of Tradewater River	Mouth to Headwaters (0.0-2.9)	Caldwell	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Sandlick Creek of Tradewater River	Mouth to Headwaters (0.0-1.4)	Christian	WAH, PCR, SCR, OSRW	
LOWER CUMBERLAND RIVER BASIN				
Casey Creek	Mouth to headwaters (0.0-10.5)	Trigg	CAH, PCR, SCR	
Crooked Creek of Cumberland River	Energy Lake Backwaters to Headwaters (3.0-9.1)	Trigg	WAH, PCR, SCR, OSRW	
<u>Cumberland River</u>	<u>0.2 Mile Downstream of Hickory Creek to 0.6 mile Upstream of Sugar Creek (10.2-11.9)</u>	<u>Livingston</u>	<u>WAH, PCR, SCR, OSRW</u>	
Donaldson Creek of Cumberland River	Barkley Lake Backwaters to Unnamed Tributary (4.0-7.2)	Trigg	WAH, PCR, SCR, OSRW	

Elk Fork of Red River of Cumberland River	Tennessee State Line to Dry Branch (7.5-23.1)	Todd	WAH, PCR, SCR, OSRW	
Skinframe Creek	Livingston Creek to Headwaters (0.0-7.8)	Lyon	CAH, PCR, SCR	
Sugar Creek of Cumberland River	Lick Creek to Unidentified Tributary (2.2-6.9)	Livingston	WAH, PCR, SCR, OSRW	
Sulphur Spring Creek	Red River to Headwaters (0.0-9.1)	Simpson	CAH, PCR, SCR	
West Fork of Red River	State Line to River Mile <u>32.2 (14.75-32.2)</u> [29.0 (14.5-32.2)]	Christian	CAH, PCR, SCR, OSRW	
Whipporwill Creek	Red River to Headwaters (0.0-45.4)	Logan/Todd	WAH, PCR, SCR, OSRW	
UPPER CUMBERLAND RIVER BASIN				
Acorn Fork of Stinking Creek	Basin above River Mile 1.0	Knox	WAH, PCR, SCR, OSRW	
Adams Branch of Pigeon Roost Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	
Archers Creek of Cumberland River	Basin (above RM 0.05 mi backwater at mouth)	Whitley	WAH, PCR, SCR, OSRW	

Bad Branch of Poor Fork of Cumberland River	Basin	Letcher	CAH, PCR, SCR, OSRW	
Bark Camp Creek of Cumberland River	Basin (above RM 0.1 backwater at mouth)	Whitley	CAH, PCR, SCR, OSRW	
Barren Fork of Indian Creek	Basin	McCreary	<u>WAH</u> , PCR, SCR, OSRW	
Beaver Creek of Cumberland River	Basin	McCreary	CAH, PCR, SCR, OSRW	
Bee Lick Creek of Brushy Creek of Buck Creek	Mouth to Warren Branch (0.0-5.7)	Pulaski	WAH, PCR, SCR, OSRW	
Bens Fork of Little Clear Creek	Basin	Bell	WAH, PCR, SCR, OSRW	
Big Branch of Marsh Creek	Basin above River Mile 0.8	McCreary	WAH, PCR, SCR, OSRW	
Big Lick Branch of Cumberland River	Basin (above 1.1, Cumberland River backwaters)	Pulaski	WAH, PCR, SCR, OSRW	
Blacksnake Branch of Brownies Creek	Basin	Bell	WAH, PCR, SCR, OSRW	

Breedens Creek of Clover Fork of Cumberland River	Basin	Harlan	WAH, PCR, SCR, OSRW	
Brices Creek of Road Fork of Stinking Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Brownies Creek of Cumberland River	Basin above Blacksnake Branch (RM 10.3)	Harlan	WAH, PCR, SCR, OSRW	
Brush Creek of Roundstone Creek	Wolf Creek to Reemergence of Sinking Creek (1.1-7.6)	Rockcastle	WAH, PCR, SCR, OSRW	
Brushy Creek of Buck Creek	Mouth to Headwaters (0.0- 16.5)	Pulaski	WAH, PCR, SCR, OSRW	
Buck Creek of Cumberland River	River Mile 11.7 (Backwaters of Lake Cumberland) to RM 55.0 (0.8 RM upstream of confluence of Hurricane Creek)	Pulaski	WAH, PCR, SCR, OSRW	
Buck Creek of Clear Fork of Cumberland River	Basin	Whitley	WAH, PCR, SCR, OSRW	
Bucks Branch of Jellico Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	

Buffalo Creek of Laurel Fork of Clear Fork of Cumberland River	Basin above Kentucky/ Tennessee State Line	Whitley	WAH, PCR, SCR, OSRW	
Bunches Creek of Cumberland River	Basin	Whitley	CAH, PCR, SCR, OSRW	
Campbell Branch of Jellico Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	
Cane Creek of Rockcastle River	Mouth to Dam (0.0-11.85)	Laurel	WAH, PCR, SCR, OSRW	
Caney Creek of Left Fork of Straight Creek	Basin	Bell	WAH, PCR, SCR, OSRW	
Cannon Creek of Yellow Creek	Basin above Cannon Creek Lake (RM 5.1)	Bell	WAH, PCR, SCR, OSRW	
<u>Capuchin Creek of Jellico Creek</u>	<u>Basin from Mouth to Kentucky/Tennessee State Line (0.0-1.25)</u>	<u>McCreary</u>	<u>WAH, PCR, SCR, OSRW</u>	
<u>Clear Creek of Roundstone Creek</u>	<u>Scaffold Cane Branch to Davis Branch (3.45-7.8)</u>	<u>Rockcastle</u>	<u>WAH, PCR, SCR, OSRW</u>	
Clifty Creek of Brushy Creek of Buck Creek	Mouth to Rocky Branch (0.0-2.7)	Pulaski	WAH, PCR, SCR, OSRW	

Clover Bottom Creek	Horse Lick Creek to River Mile 1.4	Jackson	CAH, PCR, SCR	
Cogur Fork of Indian Creek	Basin	McCreary	CAH, PCR, SCR, OSRW	
Coles Branch of Road Fork of Stinking Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Colliers Creek of Poor Fork of Cumberland River	Basin	Bell	WAH, PCR, SCR, OSRW	
Criscillis Branch of Jellico Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	
Cumberland River	River Mile 549.65 (Backwaters Lake Cumberland) to River Mile 566.1 (0.2 mile below Summer Shoals)	McCreary/ Whitley	WAH, PCR, SCR, OSRW	
Cumberland River	Kentucky/Tennessee state line (River Mile 379.8) to River Mile 456.7 (Lake Cumberland Dam)	Clinton, Cumberlan d, Russell, Monroe	CAH, PCR, SCR	
Davis Branch of Little Yellow Creek	Basin	Bell	WAH, PCR, SCR, OSRW	

Dog Slaughter Creek of Cumberland River	Basin	Whitley	CAH, PCR, SCR, OSRW	
Dolen Branch of Rock Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	
Eagle Creek of Cumberland River	Basin	McCreary	WAH, PCR, SCR, OSRW	
<u>Elisha Branch of Laurel Creek</u>	<u>Basin</u>	<u>McCreary</u>	<u>WAH, PCR, SCR, OSRW</u>	
FishTrap Branch	Basin above River Mile 0.5 (Lake Cumberland backwaters)	McCreary	WAH, PCR, SCR, OSRW	
Four Mile Creek of Cumberland River	Basin above River Mile 2.5	Bell	WAH, PCR, SCR, OSRW	
Four Mile Run of Yellow Creek Bypass	Basin above River Mile 1.0	Bell	WAH, PCR, SCR, OSRW	
Fugitt Creek of Clover Fork of Cumberland River	Basin	Harlan	CAH, PCR, SCR, OSRW	
Hale Fork of Road Fork of Stinking Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Hawk Creek of Rockcastle River	Basin	Laurel	CAH, PCR, SCR	

Hinkle Branch of Road Fork of Stinking Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Honeycutt Branch of Turkey Creek of Stinking Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Horse Lick Creek	Mouth (0.0) at Middle Fork of Rockcastle River to River Mile 12.3 (Clover Bottom Creek)	Jackson/ Rockcastle	WAH, PCR, SCR, OSRW	
Howards Creek of Illwill Creek of Wolf River	Dale Hollow Reservoir Backwaters to Headwaters	Clinton	WAH, PCR, SCR, OSRW	
Hunting Shirt Branch of Richland Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Indian Creek of Cumberland River	Kilburn Fork to Barren Fork (2.4-6.8)	McCreary	WAH, PCR, SCR, OSRW	
Indian Creek of Cumberland River	Basin above and including Barren Fork	McCreary	CAH, PCR, SCR, OSRW	
Jackie Branch of Bark Camp Creek	Mouth to Headwaters (0.0- 1.65)	Whitley	CAH, PCR, SCR, OSRW	

Jellico Creek of Cumberland River	River Mile 22.5 (confluence with Capuchin Creek) to River Mile <u>25.25</u> [25.3] (Kentucky/Tennessee State Line)	McCreary	WAH, PCR, SCR, OSRW	
<u>Jellico Creek of Cumberland River</u>	<u>Basin From and Including Capuchin Creek to the Kentucky/Tennessee State Line (22.5 to 25.25)</u>	<u>McCreary</u>	<u>WAH, PCR, SCR, OSRW</u>	
Jennys Branch of Laurel <u>Creek</u> [Fork] of Marsh Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	
Kelly Branch of Clover Fork of Cumberland River	Basin	Harlan	WAH, PCR, SCR, OSRW	
Kennedy Creek of Little South Fork of Cumberland River	Little South Fork of Cumberland River to River Mile 1.0	Wayne	WAH, PCR, SCR, OSRW	
<u>Kettle Creek</u>	<u>Kentucky/Tennessee State Line to Wells Creek (1.75-6.1)</u>	<u>Monroe</u>	<u>WAH, PCR, SCR, OSRW</u>	

Kilburn Fork of Indian Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	
Laurel Creek of Marsh Creek	River Mile 3.1 (Jennys Branch) to River Mile 9.0 (Dam)	McCreary	CAH, PCR, SCR, OSRW	
<u>Laurel Creek of Marsh Creek</u>	<u>Basin above Mouth of Jennys Branch to Laurel Creek Lake Dam (3.2-9.0)</u>	<u>McCreary</u>	<u>WAH, CAH, PCR, SCR, OSRW</u>	
Laurel Fork of Clear Fork of Cumberland River	Basin above River Mile 16.0 (John Partin Road off Hwy 190)	Bell	WAH, PCR, SCR, OSRW	
Laurel Fork of Clear Fork of Cumberland River	River Mile <u>4.3</u> [4.25] (Kentucky/Tennessee state line) to River Mile 16.0 (John Partin Road off Hwy 90)	Whitley	WAH, PCR, SCR, OSRW	
Laurel Fork of Kilburn Fork	Basin	McCreary	WAH, PCR, SCR, OSRW	
Laurel Fork of Middle Fork Rockcastle River	Middle Fork of Rockcastle River to Headwaters (0.0-12.3)	Jackson	WAH, PCR, SCR, OSRW	

Laurel River	River Mile 0.9 to Laurel River Lake Dam (0.9-2.4)	Laurel, Whitley	CAH, PCR, SCR	
Lick Fork of Yellow Creek By-Pass of Yellow Creek	Basin	Bell	WAH, PCR, SCR, OSRW	
Little Popular Creek of Cumberland River	Basin above Hubbs Creek (4.4)	Knox	WAH, PCR, SCR, OSRW	
Little South Fork of Cumberland River	River Mile 4.4 (backwaters of Lake Cumberland) to River Mile 35.5 (Confluence with Langham Branch)	Wayne, McCreary	WAH, PCR, SCR, OSRW	
<u>Little White Oak Creek</u>	<u>Mouth to Headwaters (0.0-2.6)</u>	<u>Laurel</u>	<u>WAH, PCR, SCR, OSRW</u>	
Long Branch of Left Fork of Straight Creek	Basin	Bell	WAH, PCR, SCR, OSRW	
Looney Creek of Poor Fork of Cumberland River	Basin above River Mile 5.9 (Lynch City Limits)	Harlan	CAH, PCR, SCR	

Marsh Creek	Basin above River Mile 24.6 (Confluence with Murphy Creek) to River Mile 26.5 (within Kentucky)	McCreary	WAH, PCR, SCR, OSRW	
Marsh Creek	River Mile 0.05 (confluence with Cumberland River) to River Mile 24.6 (confluence with Murphy Creek)	McCreary	WAH, PCR, SCR, OSRW	
Martins Fork	Basin above River Mile 32.7 (Cumberland Gap National Historical Park Boundary)	Bell	CAH, PCR, SCR	
Martins Fork	River Mile 27.2 to River Mile 32.7 (Cumberland Gap National Historical Park Boundary)	Bell, Harlan	CAH, PCR, SCR, OSRW	
McFarland Creek of Cumberland River	Little McFarland Creek to Spring Branch (0.8-6.2)	Monroe	WAH, PCR, SCR, OSRW	
<u>Meadow Branch of Poor Fork Cumberland River</u>	<u>Mouth to River Mile 1.95 and Basin above the East-Southeast Unnamed Tributary</u>	<u>Harlan</u>	<u>WAH, PCR, SCR, OSRW</u>	

Meadow Fork of Franks Creek	Basin	Letcher	WAH, PCR, SCR, OSRW	
Meshack Creek of Cumberland River	Mouth to Pitcock Branch (0.0-2.8)	Monroe	WAH, PCR, SCR, OSRW	
Middle Fork of Rockcastle River	Confluence of Middle and South Forks of Rockcastle River (River Mile 0.0) to River Mile 7.9 (confluence of Indian Creek and Laurel Fork)	Jackson	WAH, PCR, SCR, OSRW	
Mill Branch of Stinking Creek	Basin above reservoir backwaters (0.8)	Knox	WAH, PCR, SCR, OSRW	
Mill Creek of Straight Creek	Basin	Bell	WAH, PCR, SCR, OSRW	
Mill Creek of Cumberland River	Basin	McCreary	WAH, PCR, SCR, OSRW	
Moore Creek of Stinking Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Mud Creek of Clear Fork of Cumberland River	Basin above River Mile 6.5 (0.3 river miles above Siler Cemetery Road Bridge)	Whitley	WAH, PCR, SCR, OSRW	
Mud Camp Creek of Cumberland River	Mouth to Collins Branch (0.0-1.2)	Cumberland	WAH, PCR, SCR, OSRW	

Mud Camp Creek of Cumberland River	Unidentified Tributary to Headwaters (3.8-8.8)	Cumberland/ Monroe	WAH, PCR, SCR, OSRW	
Mud Lick of Stinking Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Ned Branch of Rockcastle River	Basin above backwaters (RM 0.45)	Laurel	WAH, PCR, SCR, OSRW	
Otter Creek of Cumberland River	Lake Cumberland Backwaters to Carpenter Fork (14.0-22.1)	Wayne	WAH, PCR, SCR, OSRW	
Patterson Creek of Cumberland River	Basin above River Mile 7.3 (confluence with Rose Creek)	Whitley	WAH, PCR, SCR, OSRW	
Poor Fork of Cumberland River	Franks Creek to Headwaters (41.4-51.7)	Letcher	WAH, PCR, SCR, OSRW	
Poor Fork of Cumberland River	Basin above River Mile 48.1 (at Joseph Road off of Hwy 932)	Letcher	CAH, PCR, SCR, OSRW	
Presley House Branch of Poor Fork of Cumberland River	Mouth to Headwaters (0.0-1.5)	Letcher	WAH, PCR, SCR, OSRW	

Puncheoncamp Branch of Rock Creek of South Fork of Cumberland River	Mouth to Headwaters (0.0- 1.85)	McCreary	WAH, PCR, SCR, OSRW	
Richland Creek of Cumberland River	Basin above River Mile 15.8 (0.5 stream miles above Hubbard Branch) to River Mile 21.4	Knox	WAH, PCR, SCR, OSRW	
Roaring Fork of Stinking Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Rock Creek of South Fork of Cumberland River	Kentucky/Tennessee State Line (River Mile 21.5) to White Oak Creek	McCreary	CAH, PCR, SCR, OSRW	
Rock Creek of Jellico Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	
Rockcastle River	River Mile 8.95 (backwaters of Lake Cumberland) to River Mile 54.7 (confluence of Middle Fork and South Fork Rockcastle River)	Laurel/ Pulaski	WAH, PCR, SCR, OSRW	
Ross Branch of Jellico Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	

Roundstone Creek of Rockcastle River	River Mile 13.5 (confluence of Renfro Creek) to River Mile 26.4 (Interstate -75)	Rockcastle	WAH, PCR, SCR, OSRW	
Ryans Creek of Jellico Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	
Sanders Creek of Cumberland River	Basin	Whitley	WAH, PCR, SCR, OSRW	
Shillalah Creek of Clear Fork of Yellow Creek	Cumberland Gap National Historical Park Boundary to Headwaters (1.5-5.5)	Bell	CAH, PCR, SCR, OSRW	
Shillalah Creek of Clear Fork of Yellow Creek	Mouth to Cumberland Gap National Historical Park Boundary (0.0-1.5)	Bell	WAH, PCR, SCR, OSRW	
Shut-in Branch of Jellico Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	
Sinking Creek	Headwaters to Rockcastle River (0.0-20.3)	Laurel	WAH, PCR, SCR, OSRW	
Sims Fork of Left Fork of Straight Creek	Basin	Bell	WAH, PCR, SCR, OSRW	
Smith Creek of Franks Creek	Basin	Letcher	WAH, PCR, SCR, OSRW	

South Fork of Cumberland River	River Mile 44.3 (Blue Heron) to River Mile 54.8 (Kentucky /Tennessee State Line)	McCreary	WAH, PCR, SCR, OSRW	
South Fork of Rockcastle River	River Mile 2.1 to White Oak Creek (River Mile 5.8)	Laurel	WAH, PCR, SCR, OSRW	
South Fork of Rockcastle River	Rockcastle River (River Mile 0.0) to River Mile 2.1	Rockcastle	WAH, PCR, SCR, OSRW	
Stevenson Branch of Bennetts Fork of Yellow Creek	Basin	Bell	WAH, PCR, SCR, OSRW	
Sulphur Creek of Wolf River of Obey River	Dale Hollow Reservoir Backwaters to Headwaters (1.7-5.1)	Clinton	WAH, PCR, SCR, OSRW	
Trace Branch of Stinking Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Trammel Fork of Marsh Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	
Turkey Creek of Stinking Creek	Basin	Knox	WAH, PCR, SCR, OSRW	
Tyes Fork of Bennetts Fork of Patterson Creek	Basin	Whitley	WAH, PCR, SCR, OSRW	

<u>Unidentified</u> <u>Tributary of Cane</u> <u>Creek of Rockcastle</u> <u>River</u>	<u>Mouth to Headwaters (0.0-</u> <u>1.2)</u>	<u>Laurel</u>	<u>WAH, PCR,</u> <u>SCR, OSRW</u>	
Unidentified Tributary (across from Hemlock Grove <u>at river mile 9.3 of</u> <u>Rock Creek</u>) of Rock Creek of South Fork of Cumberland River	Mouth to Headwaters (0.0- 1.2)	McCreary	WAH, PCR, SCR, OSRW	
Unidentified Tributary (RMI <u>17.05</u> <u>[17.0]</u> of Rock Creek) of Rock Creek of South Fork of Cumberland River	Mouth to Headwaters (0.0- <u>1.9 [1.3]</u>)	McCreary	WAH, PCR, SCR, OSRW	
Watts Branch of Rock Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	
Watts Creek of Cumberland River	Basin above Camp Blanton Lake (2.4)	Harlan	WAH, PCR, SCR, OSRW	
White Oak Creek of Rock Creek	Basin	McCreary	WAH, PCR, SCR, OSRW	

White Oak Creek of Sinking Creek	Basin above River Mile 0.9 (includes Little White Oak Creek)	Laurel	CAH, PCR, SCR	
<u>Wolf Creek of Clear Fork</u>	<u>Basin above Little Wolf Creek (2.0-5.9)</u>	<u>Whitley</u>	<u>WAH, PCR, PSCR, OSRW</u>	
Wood Creek of Little Rockcastle River	Confluence with Hazel Patch Creek (0.0) to River Mile 1.9 (Wood Creek Lake Dam)	Laurel	CAH, PCR, SCR	
Youngs Creek of Cumberland River	Basin	Whitley	WAH, PCR, SCR, OSRW	
LAKES AND RESERVOIRS				
Beulah (=Tyner)	Entire Reservoir	Jackson	WAH, CAH, PCR, SCR	
Cannon Creek	Entire Reservoir	Bell	WAH, CAH, PCR, SCR	
Laurel River	Entire Reservoir	Laurel/ Whitley	WAH, CAH, PCR, SCR	
Wood Creek	Entire Reservoir	Laurel	WAH, CAH, PCR, SCR	
TENNESSEE RIVER BASIN				

Blood River of Kentucky Lake (Tennessee River)	McCullough Fork to Tennessee State Line (15.15-18.7)	Calloway	WAH, PCR, SCR, OSRW	
Clarks River of Tennessee River	Persimmon Slough to Middle Fork Creek <u>(28.6- 30.6)</u> [(28.7-30.7)]	Marshall	WAH, PCR, SCR, OSRW	
Grindstone Creek of Kentucky Lake (Blood River of Tennessee River)	Kentucky Lake Backwaters to Headwaters (0.7-2.9)	Calloway	WAH, PCR, SCR, OSRW	
Panther Creek of Kentucky Lake (Blood River of Tennessee River)	Kentucky Lake Backwaters to Headwaters (0.5-5.7)	Calloway	WAH, PCR, SCR, OSRW	
Soldier Creek of West Fork of Clarks River	Mouth to South Fork of Soldier Creek (0.0-5.7)	Marshall	WAH, PCR, SCR, OSRW	
Sugar Creek of Kentucky Lake (Tennessee River)	Kentucky Lake Backwaters to Buzzard Roost Road (2.5- 3.2)	Calloway	WAH, PCR, SCR, OSRW	
Sugar Creek of West Fork Clarks River	Mouth to Unnamed Reservoir (0.0-3.9)	Graves	WAH, PCR, SCR, OSRW	

<u>Tennessee River</u>	<u>River 12.0 (approximately 0.4 miles above Mud Creek) to 22.8 (Kentucky Lake Dam)</u>	<u>Livingston/ Marshall</u>	<u>WAH, PCR, SCR, OSRW</u>	
Tennessee River	River Mile 23.1 (Kentucky Lake Dam) to River Mile 12.4 (12.4-23.1)	Livingston/ McCracken / Marshall	WAH, PCR, SCR, OSRW	
Trace Creek of West Fork of Clarks River	Mouth to Neeley Branch (0.0-3.35)	Graves	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Unidentified Tributary of Panther Creek of West Fork of Clarks River	Mouth to Headwaters (0.0-1.7)	Graves	WAH, PCR, SCR, OSRW	
West Fork of Clarks River	Soldier Creek to Duncan Creek (20.1-23.5)	Graves	WAH, PCR, SCR, OSRW	
Wildcat Creek of Kentucky Lake (Blood River of Tennessee River)	Ralph Wright Road Crossing to Headwaters <u>(3.6 [2.8]-6.8)</u>	Calloway	WAH, PCR, SCR, OSRW	
OHIO RIVER BASIN (Main Stem and Minor Tributaries)				

<u>Ashbys Fork</u>	<u>Mouth to Petersburg Road</u> <u>(SR 20) (0.0-3.7)</u>	<u>Boone</u>	<u>WAH, PCR,</u> <u>SCR, OSRW</u>	
Crooked Creek	Rush Creek to City Lake Dam (17.9-26.2)	Crittenden	WAH, PCR, SCR, OSRW	
Doe Run Creek	Hwy 1638 to Headwaters (5.2-8.3)	Meade	CAH, PCR, SCR	
Double Lick Creek of Woolper Creek	Mouth to Headwaters (0.0- 3.5)	Boone	WAH, PCR, SCR, OSRW	
Garrison Creek	Mouth to Headwaters (0.0- 4.85)	Boone	WAH, PCR, SCR, OSRW	
Kinniconick Creek	McDowell Creek to Headwaters (5.05-50.9)	Lewis	WAH, PCR, SCR, OSRW	
Little South Fork of Big South Fork	Land Use Change to Headwaters (1.2-5.9)	Boone	WAH, PCR, SCR, OSRW	
Middle Fork of Massac Creek	Hines Road to Headwaters (3.1-6.4)	McCracken	WAH, PCR, SCR, OSRW	
Ohio River	River Mile 848.0 to River Mile 850.0	Union	WAH, PCR, SCR, OSRW	
<u>Ohio River</u>	<u>River Mile 856.4-852.0</u>	<u>Union</u>	<u>WAH, PCR,</u> <u>SCR, OSRW</u>	
Ohio River	River Mile 859.0 to River Mile 861.0	Union	WAH, PCR, SCR, OSRW	

Ohio River	River Mile 865.0 to River Mile 867.0	Union	WAH, PCR, SCR, OSRW	
Ohio River	River Mile 923.5 to River Mile 926.0	Livingston	WAH, PCR, SCR, OSRW	
Ohio River	River Mile 927.0 to River Mile 930.0	Livingston	WAH, PCR, SCR, OSRW	
<u>Ohio River</u>	<u>River Mile 933.0 to 937.0</u>	<u>McCracken</u>	<u>WAH, PCR, SCR, OSRW</u>	
Ohio River	River Mile <u>937.0 [940.7]</u> to River Mile <u>939.8 [943.3]</u>	McCracken	WAH, PCR, SCR, OSRW	
Ohio River	River Mile 948.2 to River Mile 949.5	McCracken	WAH, PCR, SCR, OSRW	
Ohio River	River Mile 960.0 to River Mile 962.7 (above Lock and Dam 53)	Ballard	WAH, PCR, SCR, OSRW	
Ohio River	River Mile 966.3 to River Mile 969.5	Ballard	WAH, PCR, SCR, OSRW	
Ohio River	River Mile 922.0 to River Mile 923.5 (Channel East of Towhead Island)	Livingston	WAH, PCR, SCR, OSRW	
Otter Creek	Ohio River to River Mile 9.7	Meade	CAH, PCR, SCR	

Second Creek	Ohio River Backwaters to Headwaters (0.2-2.7)	Boone	WAH, PCR, SCR, OSRW	
Sinking Creek	Hwy 259 to Headwaters (includes Blue & Stony Forks)	Breckinridge	CAH, PCR, SCR	
Unidentified Tributary of Big Sugar Creek	I-71 to Headwaters <u>(1.0-3.4)</u> [1.0-1.8]	Gallatin	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Corn Creek	Mouth to Headwaters (0.0-2.3)	Trimble	WAH, PCR, SCR, OSRW	
Unidentified Tributary of Massac Creek	Mouth to Headwaters (0.0-1.7)	McCracken	WAH, PCR, SCR, OSRW	
West Fork of Massac Creek	SR <u>724</u> [725] to Little Massac Creek (1.0-6.2)	McCracken	WAH, PCR, SCR, OSRW	
White Oak Creek	Mouth (Ohio River) to River Mile 1.08	Greenup	SCR	401 KAR 10:031, Section 2(1)(d) and 2(2) do not apply.

Yellowbank Creek	Ohio River Backwaters to Headwaters <u>(1.5-11.8)</u> [(1.8-11.8)]	Breckinridge	WAH, PCR, SCR, OSRW	
LAKES AND RESERVOIRS				
Metropolis	Entire Lake	McCracken	WAH, PCR, SCR, OSRW	
MISSISSIPPI RIVER BASIN (Main Stem and Minor Tributaries)				
Bayou de Chien	River Mile 15.4 to Headwaters (River Mile 32.9)	Hickman/Graves	WAH, PCR, SCR, OSRW	
Cane Creek of Bayou de Chien	Basin	Graves	WAH, PCR, SCR, OSRW	
Jackson Creek of Bayou de Chein	Basin	Graves	WAH, PCR, SCR, OSRW	
Jackson Creek	Mouth to Headwaters	Graves	WAH, PCR, SCR, OSRW	
Mississippi River	River Mile <u>947.0</u> [935.0] to River Mile <u>942.3</u> [930.0]	<u>Hickman</u> [Carlisle]	WAH, PCR, SCR, OSRW	
Mississippi River	River Mile <u>959.1</u> [947.0] to River Mile <u>957.1</u> [945.0]	Carlisle	WAH, PCR, SCR, OSRW	

Obion Creek	Hurricane Creek to Little Creek (26.35-36.55)	Hickman	WAH, PCR, SCR, OSRW	
Sand Creek of Bayou de Chein	Basin	Graves	WAH, PCR, SCR, OSRW	
South Fork of Bayou de Chien	Basin	Graves	WAH, PCR, SCR, OSRW	
Terrapin Creek	Tennessee State Line to Headwaters (2.7-6.0)	Graves	WAH, PCR, SCR, OSRW	
LAKES AND RESERVOIRS				
Murphy's Pond	Entire Pond and Preserve Area	Hickman	WAH, PCR, SCR, OSRW	
Swan Pond	Entire Lake	Ballard	WAH, PCR, SCR, OSRW	

Section 6. Incorporation by Reference.

(1) "Interim Economic Guidance for Water Quality Standards Workbook", EPA, March 1995 Publication EPA-823-B-95-002. U.S. Environmental Protection Agency, Office of Water, Washington, D.C., is incorporated by reference.

(2) This material may be inspected, copied, or obtained, subject to applicable copyright law, at the Kentucky Division of Water, 200 Fair Oaks Lane, Frankfort, Kentucky, Monday through Friday, 8 a.m. to 4:30 p.m.

401 KAR 10:026 “Designation of uses of surface waters.” approved for promulgation:

Date

Leonard K. Peters, Secretary
Energy and Environment Cabinet

PUBLIC HEARING AND PUBLIC COMMENT PERIOD: A public hearing on this administrative regulation shall be held on September 27, 2012 at 5:00 P.M. (Eastern Time) at 300 Fair Oaks Lane, Conference Room 301D, Frankfort, Kentucky.

Individuals interested in being heard at this hearing shall notify this agency in writing by September 17, 2012, five workdays prior to the hearing, of their intent to attend. If no notification of intent to attend the hearing is received by that date, the hearing may be canceled.

This hearing is open to the public. Any person who wishes to be heard will be given an opportunity to comment on the proposed administrative regulation. A transcript of the public hearing will not be made unless a written request for a transcript is made. If you do not wish to be heard at the public hearing, you may submit written comments on the proposed administrative regulation. Written comments shall be accepted until October 1, 2012. Send written notification of intent to be heard at the public hearing or written comments on the proposed administrative regulation to the contact person.

CONTACT PERSON: Peter Goodmann
Division of Water
200 Fair Oaks Lane
Frankfort, KY 40601
Telephone: (502) 564-3410 Fax (502) 564-0111
Email: Peter.Goodmann@ky.gov

REGULATORY IMPACT ANALYSIS AND TIERING STATEMENT

Administrative Regulation #: 401 KAR 10:026

Contact Person: Sandy Gruzesky, Director

(1) Provide a brief summary of:

- (a) What this administrative regulation does:** This administrative regulation lists the types of designated uses for surface waters of the Commonwealth, provides for redesignation of surface waters, describes the process for redesignation of surface waters, and lists designated uses for specific surface waters of the Commonwealth that have been assigned designated uses.
- (b) The necessity of this administrative regulation:** This administrative regulation is necessary to inform the reader of the types of designated use categories for surface waters of the Commonwealth, to provide for redesignation of surface waters, and to list designated uses assigned to surface waters. The list of designated uses assigned to specific surface waters of the Commonwealth is a reference tool necessary for the reader to identify which designated uses apply to specific surface waters.
- (c) How this administrative regulation conforms to the content of the authorizing statutes:** This administrative regulation conforms to KRS 224.10-100 which requires the cabinet to develop and conduct a comprehensive program for the management of water resources and to provide for the prevention, abatement, and control of pollution. This administrative regulation and 401 KAR 10:001, 10:029, 10:030, and 10:031 establish procedures to protect the surface waters of the Commonwealth and thus manage water resources and prevent water pollution. This administrative regulation also makes all surface waters subject to the general criteria specified in 401 KAR 10:031, Section 2.
- (d) How this administrative regulation currently assists or will assist in the effective administration of the statutes:** This administrative regulation will assist in the effective administration of statutes by providing for redesignation of surface waters and by listing the designated uses assigned to specific waters of the Commonwealth. Having the designated uses listed in this way will enable the reader to know which regulatory criteria relate to which water. This information is supportive to achieving compliance with administrative regulations.

(2) If this is an amendment to an existing administrative regulation, provide a brief summary of:

- (a) How the amendment will change this existing administrative regulation:** This amendment strikes citations to an outdated Executive Order. The amendment updates Table B, which where indicates locations of domestic water supply criteria are applicable, adding 16 water segments. In Table C, which lists designated uses, the amendment adds 27 outstanding state resource waters (OSRWs), or new segments. Other minor amendments are proposed to comply with regulation drafting requirements.
- (b) The necessity of the amendment to this administrative regulation:** The amendment is necessary to protect the Commonwealth's Outstanding State Resource Waters. Other minor amendments are proposed to comply with regulation drafting requirements
- (c) How the amendment conforms to the content of the authorizing statutes.** This amendment conforms to KRS 224.10-100 that requires the cabinet to develop and conduct a

comprehensive program for the management of water resources and to provide for the prevention, abatement, and control of pollution. This amendment applies the standards to protect designated uses described in 401 KAR 10:031 to surface waters of the Commonwealth.

- (d) **How the amendment will assist in the effective administration of the statutes:** This amendment updates waters listed in specific designated uses based on the most recent scientific information.
- (3) **List the type and number of individuals, businesses, organizations, or state and local governments affected by this administrative regulation:** This administrative regulation applies to designated uses to the surface waters of the Commonwealth. All individuals, businesses, organizations, and governments that use the Commonwealth's surface waters for residential, commercial, industrial, or recreational purposes could be impacted by this regulation.
- (4) **Provide an analysis of how the entities identified in question (3) will be impacted by either the implementation of this administrative regulation, if new, or by the change, if it is an amendment, including:**
- (a) **List the actions that each of the regulated entities identified in question (3) will have to take to comply with this administrative regulation or amendment:** If a regulated entity applies for a permit for a new or expanded discharge into an OSRW, the permit limits imposed on a discharger may result in additional or reduced treatment outlays, training costs, or operational changes. Those changes are dependent upon the nature of the discharge.
- (b) **In complying with this administrative regulation or amendment, how much will it cost each of the entities identified in question (3):** The costs to comply with this administrative regulation will vary depending on the site location, the type of activity occurring, and other factors. Sixteen of the 27 proposed new Outstanding State Resource Waters (OSRWs) are identified as such because of excellent biological communities (fish or macroinvertebrates) that qualify them as exceptional waters, as required by 401 KAR 10:030. The other eleven are OSRWs because they contain federally threatened or endangered species. Most of these proposed new OSRWs are in less developed parts of the state with few existing entities that discharge into these waters. There is one criterion that applies to all OSRWs, which is the requirement for dissolved oxygen, established in 401 KAR 10:031 Section 4. The purpose of this standard is to provide additional protection to the biological community for a critical component (oxygen) of the stream environment. It is anticipated that costs associated with complying with this proposed requirement will be minimal, given that compliance with dissolved oxygen standards can be readily achieved with existing treatment technology.
- (c) **As a result of compliance, what benefits will accrue to the entities identified in question (3):** Direct and indirect savings may be realized through reduced drinking water treatment costs, maintenance of good agricultural water, maintenance of fisheries, and healthy recreational waters.
- (5) **Provide an estimate of how much it will cost the administrative body to implement this administrative regulation:**
- (a) **Initially:** There are no initial costs as a result of amending this administrative regulation.
- (b) **On a continuing basis:** There are no continuing costs as a result of amending this

administrative regulation.

(6) What is the source of the funding to be used for the implementation and enforcement of this administrative regulation? The source of funding is the General Fund, as appropriated by the Kentucky General Assembly, and federal funds.

(7) Provide an assessment of whether an increase in fees or funding will be necessary to implement this administrative regulation, if new, or by the change if it is an amendment: No increase in fees or funding will be necessary to implement this administrative regulation.

(8) State whether or not this administrative regulation established any fees or directly or indirectly increased any fees: This amendment does not establish or increase fees.

(9) TIERING: Is tiering applied? (Explain why or why not)

Yes, tiering is applied in this administrative regulation. Any discharger into a water designated as cold water aquatic habitat will require dischargers into such water to meet requirements outlined in 401 KAR 10:031 that are more stringent than requirements for dischargers into surface water designated warm water aquatic habitat. Any discharger into a water designated as an outstanding resource water by this administrative regulation will also have special requirements as outlined in 401 KAR 10:031. Waters listed in Table B as having a surface water intake will have Domestic Water Supply criteria found in 401 KAR 10:031 Section 6.

FISCAL NOTE ON STATE OR LOCAL GOVERNMENT

Regulation #: 401 KAR 10:026

Contact Person: Sandy Gruzesky, Director

1. What units, parts or divisions of state or local government (including cities, counties, fire departments, or school districts) will be impacted by this administrative regulation?

This administrative regulation applies to designated uses to the surface waters of the Commonwealth. All governments that use the Commonwealth's surface waters for residential, commercial, industrial, or recreational purposes could be impacted by this regulation. This administrative regulation may affect the wastewater treatment operations of local governments if they will have discharges into surface waters of the Commonwealth that have been re-designated by this amended regulation.

2. Identify each state or federal statute or federal regulation that requires or authorizes the action taken by the administrative regulation. KRS 146.220, 146.241, 146.270, 146.410, 146.450, 146.460, 146.465, 224.10-100, 224.16-050, 224.16-060, 224.70-100, 224.70-110, 40 C.F.R. Part 131, 16 U.S.C. 1271-1287, 1531-1544, 33 U.S.C. 1311, 1313, 1314, 1316, 1341

3. Estimate the effect of this administrative regulation on the expenditures and revenues of a state or local government agency (including cities, counties, fire departments, or school districts) for the first full year the administrative regulation is to be in effect.

(a) How much revenue will this administrative regulation generate for the state or local government (including cities, counties, fire departments, or school districts) for the first year? No new revenue will be generated.

(b) How much revenue will this administrative regulation generate for the state or local government (including cities, counties, fire departments, or school districts) for subsequent years? No new revenue will be generated.

(c) How much will it cost to administer this program for the first year? There will be no costs

(d) How much will it cost to administer this program for subsequent years? There will be no cost.

Note: If specific dollar estimates cannot be determined, provide a brief narrative to explain the fiscal impact of the administrative regulation.

Revenues (+/-):

Expenditures (+/-):

Other Explanation: This amended administrative regulation establishes instream uses designated by the cabinet that, in combination with criteria found in 401 KAR 10:031, provide for protection of water quality of the state's waters. Local governments will be required to discharge effluents that assure attainment of the receiving surface water's designated uses. Criteria that apply to these re-designations will be implemented at the time of permit issuance. Local governments withdrawing drinking water from these waters may have lower treatment costs because these waters have lower pollutant loads. Additional costs may be incurred where criteria are more stringent or where new criteria are established and less cost may be incurred where criteria are less stringent than previously or where criteria have been eliminated.

FEDERAL MANDATE ANALYSIS COMPARISON

Administrative Regulation#: 401 KAR 10:026

Contact Person: Sandy Gruzesky, Director

1. Federal statute or regulation constituting the federal mandate.

There is no federal statute or regulation mandating that Kentucky implement a water pollution control program. For Kentucky to maintain its delegation over the NPDES permit program, the Clean Water Act requires that Kentucky review its water quality standards every three years and comply with the programmatic requirements of 40 C.F.R. Part 131.

2. State compliance standards. KRS 146.220, 146.241, 146.270, 146.410, 146.450, 146.460, 146.465, 224.10-100, 224.16-050, 224.16-060, 224.70-100, 224.70-110

3. Minimum or uniform standards contained in the federal mandate. The Clean Water Act requires designated uses, criteria, standards and antidegradation policies in water quality standards. 40 C.F.R. 130, 131, 16 U.S.C. 1271-1287, 1531-1544, 33 U.S.C. 1311, 1313, 1314, 1315, 1316, 1341, 1342, 1344

4. Will this administrative regulation impose stricter requirements, or additional or different responsibilities or requirements than those required by the federal mandate?
No.

5. Justification for the imposition of the stricter standard, or additional or different responsibilities or requirements. There are no stricter standards or additional or different responsibilities or requirements.